

GOVERNMENT OF INDIA
METEOROLOGICAL DEPARTMENT

MAGNETIC, METEOROLOGICAL AND
SEISMOGRAPHIC OBSERVATIONS

MADE AT THE

GOVERNMENT OBSERVATORIES,
BOMBAY AND ALIBAG,

IN THE YEAR

1925



UNDER THE DIRECTION OF
S. K. BANERJI, D.Sc.

Published by Authority of the Government of India.



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CENTRAL PUBLICATION BRANCH

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METEOROLOGICAL DEPARTMENT

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SEISMOGRAPHIC OBSERVATIONS

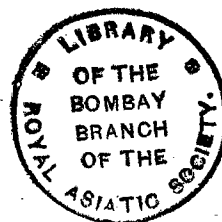
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INTRODUCTION.

This volume on the magnetic, meteorological and seismographic observations made in the Government Observatories, Bombay and Alibag, during the year 1925, is the forty-seventh volume of its kind and extends the record of continuous meteorological and magnetic observations to a period of eighty years and of seismographic observations to a period of twenty-seven years. The transference of magnetic work from Colaba to Alibag in 1904, due to the city of Bombay having decided to have electric tram service, caused a certain amount of discontinuity in the magnetic records, which had run uninterruptedly at Colaba for about sixty years, but as comparative observations could be taken at both the stations for a period of two years before the electric tram lines were completed and the service had commenced its operations, the 'discontinuity' could be calculated and allowed for.

The present volume has been prepared in the same form as the volume for the year 1924, except that the hourly values of the different magnetic and meteorological elements given in this volume represent their average values over one hour and not their momentary values at the end of every hour.

The Colaba Observatory is situated almost at the extreme south end of the narrow ridge of land extending about three miles to the south-west of the Fort of Bombay and separating the Harbour from the Back Bay. The level of the Observatory compound is about 32 feet above the mean level of the sea.

The astronomical co-ordinates* giving the positions of the Colaba Observatory are :—

Latitude	..	..	..	..	..	18° 53' 36.18" N.
Longitude	..	..	..	..	..	72° 48' 54.03" E.

The Alibag Magnetic Observatory is situated on the mainland about 18 miles south south-east of Bombay, and its astronomical co-ordinates are—

Latitude	18° 38' 17" N.
Longitude	72° 52' 21" E.

For a general description of the buildings and instruments in both the Observatories see "Magnetical, Meteorological and Seismographic Observations made at the Government Observatories, Bombay and Alibag, 1906 to 1910," and also the similar volume for 1916-20.

Unless otherwise stated, all times given in this volume refer to local mean time.

Meteorological instruments.

1. *Standard Barometer.*—The barometer is by Newman (No. 58) and has been in uninterrupted use since the establishment of the Observatory. It reads on an average 0.004" below the Kew Standard and 0.012" below the old Calcutta standard barometer. The height of the barometer is 37 feet above the mean sea-level. A subsidiary standard barometer, Newman No. 48, has also been maintained in the underground constant temperature room, and its reading exceeds that of the standard barometer by 0.001".

2. *Barograph.*—The instrument is of the Kew pattern and is installed in the underground constant temperature room and the variation of pressure is recorded photographically. The barograph has been treated, as in the past, as an independent instrument in respect of the variation of pressure occurring in the course of a day, but the mean of the excesses of the eye observations of the standard barometer made on any day, on the previous day and the succeeding day over the corresponding barograph tabulations has been applied as a common correction to all the tabulated hourly readings of the day.

3. *Standard Dry bulb and Wet bulb Thermometers.*—On the 26th November 1917, the freezing points were tested and the zero of the dry bulb standard thermometer No. 401 was found to have changed from 32°·6 to 33°·0 F. and that of the wet bulb standard thermometer No. 402 from 32°·5 to 33°·0 F. These thermometers were again tested on the 3rd February 1926 and the corrections of the thermometers were found to be the same as those determined in 1917. Besides the above, there are eye reading dry bulb, wet bulb, maximum and minimum thermometers installed in a standard Stevenson Screen and a standard thatched shed. The heights of the bulbs of the thermometers above the ground in different sheds are given below :—

Thermograph Shed : Dry bulb 10' ; Wet bulb 10'

Stevenson Screen : .. , 4' 4½" ; .. , 4' 4" ; Max 4' 11½" ; Min. 4' 4¼"

Thatched Shed ; .. , 4' 8" ; .. , 4' 7½" ; .. 4' 0½" ; .. 3' 8½"

For the results of comparative observations of these thermometers see p. 2 of the volume for the year 1924.

*Magnetical, Meteorological and Seismographic observations made in the Government Observatories, Bombay and Alibag, 1923, p. 1.

4. *Kew Dry bulb and Wet bulb Thermograph*.—The bulbs of these thermograph thermometers are placed close to those of the standard dry and wet bulb thermometers in a large double louvre shed, and the variation of temperature is recorded photographically. The tables of air temperature have been obtained from the tabulations of dry bulb and of humidity from dry and wet bulb thermograms. The mean differences between the readings of the standard dry and wet bulb thermometers described in the preceding para. and the corresponding readings of the thermograms for the year 1925 were $0^{\circ}\cdot 2$ and $0^{\circ}\cdot 1$ respectively and were neglected.

5. *Ground thermometers*.—These thermometers are installed in the standard thatched-shed with their bulbs at the depths of 1, 9, 20, 60 and 132 inches respectively below the surface. Ground thermometers No. 3246 by Munro and No. 12689 by Casella are placed exposed to the sun in the rain-gauge enclosure with their bulbs at the depths of one inch and eight inches respectively below the surface. The thermometer No. 12689 was accidentally broken on the 28th March 1925 and was replaced by thermometer No. 20930.

6. *Robinson-Beckley's Anemograph*.—This anemograph is of the kind designed by Robinson, with improvements by Robert Beckley. It is erected on the Anemometer Tower, with its cups at a height of 58 feet above the ground, and 100 feet above the mean sea-level. The centres of each pair of opposite hemi-spherical cups are four feet apart, and the diameter of each of the cups is 9 inches. The diameter of the vanes of the direction recorder is 15 inches and the breadth of the fans 4 inches.

7. *Dines' Anemograph, 1897 (velocity)*.—The head-vane has been placed on the Anemometer Tower at a distance of 6 feet from the Robinson-Beckley's cups and 6 inches above their level. The comparison of this instrument with a U-tube pressure gauge, showed on the results of a series of experiments, that the relation between W , the difference in level of the water in inches in the two arms of the U-tube, which is a measure of the pressure of wind, and V , the velocity of wind in miles per hour as indicated in the Dines' chart, was $W = \cdot 00078 V^2$ instead of $W = \cdot 00073 V^2$, which should have been the correct relation if the instrument had the correct specification of a standard instrument of this kind. The results showed that this Dines' instrument recorded only 96 per cent. of the true velocity.

8. *Dines' Anemograph, 1924 (velocity and direction)*.—A Dines' anemograph, by R. W. Munro and Co., was received in 1923 and installed on the Anemometer Tower in January 1924. With a view to get the best possible exposure, its modern type T-shaped head-vane was placed on the top of a telegraph post 32·5 feet high, fixed on the Tower at a distance of 3 feet from the cups of the Robinson-Beckley's anemograph. The vane was therefore 27 feet above the level of Robinson-Beckley's cups and 127 feet above the mean sea-level. The diameter of the post near the Beckley's cups is 8 inches and it does not therefore exercise any appreciable influence on the records of Robinson-Beckley. This is due to the fact that in a current of air flowing past a fixed cylindrical obstacle, the stream lines, although they get deformed near the obstacle, assume again very nearly the original configuration at a distance from the obstacle equal to its diameter, and at this distance the velocity of the air current, too, attains its original value. The results of a series of comparisons of this instrument with a U-tube pressure-gauge showed that W , the difference in level of water in inches in the two arms of the U-tube, which is a measure of the pressure exerted by the wind, and V , the velocity of the wind in miles per hour as indicated in the charts, practically obey the standard law, namely, $W = \cdot 000731 V^2$.

The height of the vane of this anemometer is 26 feet above that of the old Dines'. On account of this greater height, this instrument records a larger velocity of wind, and smaller gustiness, the types of the records by the two instruments being however identical. The following table gives the results of the comparative observations during 1924-28 of the three wind instruments.

Ratio of Wind Velo- cities (1924-28).	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Means.				
													October to February.	March to May.	June to Septem- ber.	Year.	
New Dines/ Old Dines.	1·43	1·48	1·44	1·45	1·57	1·62	1·85	1·89	1·76	1·64	1·65	1·57	1·55	1·49	1·78	1·61	
New Dines/ R. Beckley.	1·34	1·39	1·35	1·33	1·43	1·51	1·74	1·76	1·64	1·51	1·57	1·47	1·46	1·37	1·66	1·50	
Old Dines/ R. Beckley.	·96	·94	·94	·93	·97	·95	·95	·96	·94	·93	·95	·94	·94	·95	·95	·95	

The hourly values of wind velocity and wind direction tabulated in this volume represent the averages of New Dines' records for periods of sixty minutes, from full hour to full hour of local mean time. The daily mean directions have been derived by converting the hourly directions into N or S and E or W components and combining the mean components.

9. *Rain-gauge*.—Newman's rain-gauge, which has been in use since 1845, exposes for the collection of rain drops at a height of four feet above the ground a circular surface of an average diameter of 12·035 inches, forming the top of the funnel, which opens into a cylindrical vessel below, having a diameter of 5·732 inches. Each division of the graduated rod resting on the float represents ·05 inch of rain and the readings of this scale are easily estimated to one-fifth of a division.

10. *Photographic Rain-gauge*.—This instrument takes a continuous record of rainfall by photographing the head of a mercury column balancing the rainfall collected in a glass vessel, with an arrangement for syphon discharge when full. A full description of this instrument will be found in the introduction to the "Bombay Magnetical and Meteorological Observations, 1871 to 1878", page XLvi. For methods of reduction of pluviograph records, reference is made to the introduction to the "Bombay Magnetical, Meteorological and Seismographic Observations, 1916-20". The height of the receiving funnel of this instrument is 28 feet above the ground. On account of its greater height, the pluviograph gives a lower value for rainfall than that by Newman.

MAGNETIC INSTRUMENTS.

Variation Instruments.

The horizontal force, vertical force and declination magnetographs in use at Alibag are all by Watson and are mounted on isolated pillars in the magnetograph room. They were maintained in continuous action throughout the year. The maximum and minimum temperatures in the magnetograph room during 1925 are shown below in degrees Fahrenheit.

1925.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	year.
Maximum .	83·0	79·9	85·0	88·7	90·4	90·3	86·7	85·9	87·0	88·6	88·5	87·5	90·4
Minimum .	79·8	79·1	79·6	85·0	88·7	86·7	85·1	85·3	85·7	86·9	87·0	84·6	79·1

Two Eschenhagen variometers, one for horizontal force and the other for vertical force, are also installed in the magnetograph room and are read five times every day. A set of Kew Horizontal Force Magnetometer, Kew Vertical Force Magnetometer and Declination Magnetometer is installed in the ground-floor room of the magnetometer building and these are also read five times every day. The eye observations are regularly plotted and are used mainly for a comparative study of the performance of the different instruments. The magnetograms have been used in deducing the tabulated results. The hourly tabulations represent the mean values during one hour, from full hour to full hour, local mean time. The average value centred at the Greenwich full hour following the *n*th hour of local mean time can be easily deduced from these by the use of the simple formula $\frac{39 A_n + 21 A_{n+1}}{60}$ where *A_n*, *A_{n+1}* are two consecutive readings in the tables for the *n*th hour and (*n* + 1) th hour respectively of the local mean time.

The scale coefficients of the force magnetographs were obtained every fortnight from deflection observations performed on the instruments with deflectors, at a distance of 100 cms. in the case of H and at a distance of 75 cms. in the case of V magnetographs. The value adopted for any month is the mean of the mean observed values for that month and those for the preceding and succeeding months.

The following table gives the scale coefficients for 1 cm. ordinate on the photographic paper of the force magnetographs.

—	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
H. F. Magnetograph	45·4	45·4	45·4	45·3	45·1	45·1	45·0	45·0	45·0	45·1	45·2	45·2
V. F. Magnetograph	95·8	95·6	95·7	96·0	96·2	96·1	95·8	95·6	95·7	96·0	96·2	96·0

1 γ = ·00001 C. G. S.

The scale coefficient of the declination magnetograph for 1 cm. of ordinate is 10'·28.

The temperature coefficient for the horizontal force magnetograph has been determined by heating experiments and its adopted value is $\cdot 000036$ in C. G. S. unit for 1°F . The temperature coefficient of the vertical force magnetograph was found in the same experiments to be negligible as no appreciable change in force, after allowing for the actual diurnal change, could be definitely ascertained as being due to temperature effect. The above conclusions have been checked by an analysis of the observed monthly values of base lines by means of the formula $B_t = B_m \{1 + a(t - m)\}$, where B_t is the monthly mean value of the base line, uncorrected for temperature but corrected for the slow secular change caused by the loss of magnetic moment and other causes, t the mean temperature during the month, B_m the annual mean of the observed values of the base line, m the annual mean temperature of the magnetograph room, and a the temperature coefficient. Several years' data have been analysed in this manner and the results show that the difference between the adopted value and the value determined by this method is very small.

Absolute Instruments.

Two magnetometers have been under regular observation during the period for obtaining the absolute values of horizontal force and declination. Magnetometer No. 7 by T. Cooke and Sons, which is the standard instrument at Alibag, is of the ordinary type of Kew pattern instruments but is modified and improved in several important details. The other instrument is Magnetometer No. 3 by the Cambridge Scientific Instrument Company and is of the usual Kew pattern. Instrument No. 7 is observed on the second floor of the magnetometer building, while instrument No. 3 is observed on the first floor, each instrument being permanently allowed to stand on its pillar in the respective floors. A third magnetometer No. 137 by A. Dover Charlton with magnets No. 3A and 3C was brought into use from September 1925 for observations of horizontal force and declination on the ground floor.

The value of the correction, $\text{Log}_{10} (1 + \frac{P}{r^2} + \frac{Q}{r^4})^{-1}$ used in the reduction of the horizontal force observations was obtained for a given month by taking the mean for seven months including the given month as fourth of the seven. The values of this correction for the different months of the year for the standard instrument at the deflection distance 22.5 cms. were as follows:—

January	.. 9.99295	May	.. 9.99300	September	.. 9.99298
February	.. 9.99299	June	.. 9.99301	October	.. 9.99298
March	.. 9.99298	July	.. 9.99302	November	.. 9.99295
April	... 9.99299	August	.. 9.99301	December	.. 9.99295

Earth Inductor No. 41 by Schulze of Potsdam with galvanometer No. 200 by Plath are installed on specially constructed pillars in the second floor, while Inductor No. 108 by Otto Toepfer and its galvanometer are installed in the first floor of the magnetometer building.

System of observation at Colaba.

Meteorological eye observations were taken every day, including Sundays, at the hours 6, 10, 14, 16 and 22. From the 9th October 1925 the eye observations at the hours 6, 14 and 22 of the principal meteorological elements for which autographic records are obtained were discontinued, and those at the hours 10 and 16 only were retained. The day commencing at midnight, Bombay (Colaba), is reckoned from 0 to 24. The time of observation of each element is fixed and the observations are registered with strict punctuality as follows:—

From 5 minutes to the hour	{ Extent and description of clouds, state of weather,
to 2 minutes after the hour.	{ occasional phenomena and direction of the wind.
At 2 minutes after the hour	{ Thermograph standard thermometer, dry-bulb.
	{ Thermograph standard thermometer, wet-bulb.
At 3 minutes after the hour	. Newman's rain-gauge (in wet season).
From 5 to 7 minutes after the hour.	{ Surface thermometer in shade, 1 inch deep.
	{ Surface thermometer in shade, 9 inches deep.
From 7 to 9 minutes after the hour.	{ Newman's standard barometer No. 58 and attached thermometer.
	{ Newman's standard barometer No. 48 and attached thermometer.
At 10 minutes after the hour	. Thermometer attached to barograph.
At 19 minutes after the hour	. Surface thermometers in the sun, 1 and 8 inches deep.

For the weather service of the meteorological department, an additional meteorological observation is taken at 8 hrs. Observations with nephoscope are taken at $8\frac{1}{2}$, $12\frac{1}{2}$, $16\frac{1}{2}$ hrs. every day.

The maximum and minimum thermometers in the thermometer shed, as also the solar radiation thermometer, are read twice daily at 8 and 16 hours. Observations of the solar radiation thermometer were discontinued from the 7th July 1925.

Observations made once daily include readings of (1) the ground thermometers in shade 20, 60 and 132 inches deep, made at 14 hours, and (2) the nocturnal radiation thermometer, made at 8 hrs. During the monsoon months, Newman's rain-gauge is read daily at midnight and the discharges of the syphon of the self-registering pluviograph are also read once or oftener as required.

A Campbell-Stokes Sunshine recorder was installed on the balloon observation tower and was brought into regular use from August 1925.

Observations of pilot balloons for the measurement of the strengths and directions of upper air currents, which were started on the 23rd April 1923, were discontinued early in January 1925. The results are published in the 'Pilot Balloon Data, India'.

The electric clock controlling the drop of the time ball and the Harbour clock, is duly regulated thrice every day by comparison with the standard sidereal clocks, two Rieflers and one Kullberg. Government chronometers, belonging to the Royal Indian Marine and the Royal Navy at the Observatory Depot are wound daily or twice a week as required and comparisons with the standard clock are made with sufficient frequency to render the instruments always ready for issue at call with well determined rates.

Transit observations of stars for the determination of time for obtaining the errors and the rates of the sidereal clocks were made every Monday, Wednesday and Friday in the dry months of the year. During the monsoon months, no opportunity was lost for observing either the sun or the stars whenever visible. The adjustment of the transit instrument in azimuth was tested frequently by reference to the fixed meridian collimator marks, and level errors were tested and checked once every month. Errors of collimation level and azimuth were determined once every month except during the monsoon months.

A second transit instrument by T. Cooke and Son, which was purchased from the Mathematical Instrument Office, Calcutta, was installed on a separate stone pillar, isolated from the floor, in the transit room at the end of the year. Simultaneous observations of stars with this instrument as well as the old transit instrument commenced in 1926 with a view to form an estimate of the instrumental errors after correcting for all known errors.

Observations of the time signals broadcasted from Calcutta, Eiffel Tower and Nauen were made regularly during the year and the observed times were compared with the times given by the Observatory clocks.

Observations of magnetic declination are made once every month at Colaba about the 15th of each month. The mean of the differences between the observed absolute values of declination at Colaba and Alibag, from 1906 to 1927, is $53^{\circ}0'$, and this agrees fairly well with the conclusion that, at Alibag, easterly declination stands higher by $53^{\circ}5'$ than at Colaba made originally on the results of 2 years' comparative observations taken at the two stations and published on page ii of the Observatory Volume for the years 1906—1910.

System of observation at Alibag.

Eye observations of the instruments mentioned below are taken daily, Sundays included, shortly before 6, 10, 14, 16 and 22 hrs. at the instants specified against them. These instants have been chosen so that they may be about the full hour of Greenwich mean time, which corresponds to 51 mins. of local mean time.

At	19 minutes to the hour .	Kew Horizontal Force Magnetometer and attached thermometer.
„	17 „ „ „ .	Kew Vertical Force Magnetometer and attached thermometer.
„	15 „ „ „ .	Declination Magnetometer and thermometer in the Magnetometer room.
„	11 „ „ „ .	Eschenhagen's Vertical Force Variometer and attached thermometer.
„	10 „ „ „ .	Watson's Vertical Force Magnetograph and attached thermometer.
„	9 „ „ „ .	Watson's Declination Magnetograph.
„	8 „ „ „ .	Watson's Horizontal Force Magnetograph and attached thermometer.
„	7 „ „ „ .	Eschenhagen's Horizontal Force Variometer and attached thermometer.

At 6 minutes to the hour , Thermograph in the Magnetograph room and standard thermometer (read twice daily at 6 and 16 hrs. only).

Deflection experiments, with vibration magnet of magnetometer No. 137, the moment of which is determined every week, as deflector at a distance of 100 cms. on the horizontal force magnetograph and at a distance of 75 cms. on the vertical force magnetograph, are made once every fortnight. Similar deflection experiments with vibration magnet of magnetometer No. 3 as deflector are made once a month for the purposes of check work.

Deflection experiments, with vibration magnet No. 137 as deflector at a distance of 100 cms. on the Eschenhagen's horizontal force variometer, and at a distance of 75 cms. on the Eschenhagen's vertical force variometer, are also made once a fortnight.

Observations of vibration and deflection for the determination of absolute horizontal force are made with the Observatory standard instrument No. 7 on Wednesdays and with the auxiliary instrument No. 3 and magnets belonging to magnetometer No. 137 on Mondays. With the same instruments observations of absolute declination are taken every Thursday. A pair of new magnets Nos. 3A and 3C by Messrs. C. F. Casella and Co. with N. P. L. certificate were received from England and trial observations of H and D were made with them on alternate weeks beginning from September, 1925. From the same month, observations of H and D with the auxiliary instrument No. 3 were also made on alternate weeks instead of every week. Observations of inclination are made with the Schulze's Inductor, which is the Observatory standard instrument, and another inductor by Otto Toepfer every day in the year with the exception of Sundays and holidays. Each of the two inductor instruments is ordinarily observed on alternate days, but for check work both the instruments are observed simultaneously on Fridays.

Transit observations of stars for the determination of time are made generally on Tuesdays and Fridays in the dry months; during the monsoon months, no opportunity is lost of observing the sun or stars whenever visible. The adjustments of the transit instrument is frequently tested by reference to the fixed collimator marks and by level observations; the residual errors of collimation, level and azimuth are determined once every month except during the monsoon month .

With a view to determine whether the reclamation of the sea which is being made by the Bombay Development Department near the Colaba Observatory is affecting the temperature as recorded there, it was decided to install a set of thermometers at Alibag and to take comparative observations at all the observational hours, namely, 6, 10, 14, 16 and 22. This scheme came into operation from April, 1925.

General Review.

1. *Weather.*—The southwest monsoon rains commenced at Bombay on the 28th May and ended on the 8th October. The total amount recorded during the year amounted to 50·82" and was 19·72" below the normal of 72 years. The mean temperature of the year was 80°·1 which was 0°·8 above the normal. The greatest maximum temperature recorded was 93°·5 on the 5th March and the lowest minimum was 56°·1 on the 23rd January. The mean temperature of all the months in the year was within 3° of the normal of the season. The mean velocity of wind during the year was 10·3 miles per hour. The greatest daily mean velocity was 26·1 miles per hour on the 25th June and the lowest was 4·1 miles per hour on the 9th April. The greatest mean hourly velocity was 35 miles on the 24th June, while the velocity of a single gust of wind as recorded by the New Dines' anemometer reached 55 miles per hour on the 8th October.

2. *Magnetic conditions.*—The mean and the extreme values of the magnetic elements at Alibag during 1925 are given below along with the corresponding values for the previous four years :—

Year.	H						D						V						I
	Mean.	Maximum.		Minimum.		Absolute annual range.	Mean.	Maximum.		Minimum.		Absolute annual range.	Mean.	Maximum.		Minimum.		Absolute annual range.	Mean.
		Value.	Date.	Value.	Date.			Value.	Date.	Value.	Date.			Value.	Date.				
Y	Y		Y		Y							Y	Y		Y		Y		
1921	36985	37069	13th May.	36881	15th May.	688	15°9 E.	41°9 E.	15th May.	9°5 E.	7th July.	32°4	17227	17320	15th May.	17144	20th Jany.	176	25 0°3
1922	36946	37037	10th Mar.	36777	14th Sept.	260	12°6 E.	18°0 E.	16th Feb.	6°6 E.	31st Aug.	11°4	17293	17351	12th Aug.	17222	5th Apr.	129	25 5°0
1923	33985	37071	27th Novr.	36854	24th Mar.	217	8°9 E.	13°6 E.	26th Jany.	3°6 E.	24th Sept.	10°0	17372	17432	3rd July.	17270	25th Jany.	162	25 9°6
1924	37029	37142	16th Oct.	36854	10th June	288	5°8 E.	10°5 E.	29th Jany.	0°4 E.	15th Sept.	10°1	17452	17514	26th Dec.	17379	19th Jany.	135	25 14°1
1925	37065	37170	9th Mar.	36899	28th Dec.	271	3°4 E.	8°2 E.	24th May	2°0 W	4th Sept.	10°2	17527	17589	25th Dec.	17421	21st Jany.	168	25 18°5

The value of H continued to rise at a generally increasing rate from the minimum in 1916 except in 1922, in which year the rise was of a smaller order. Declination diminished during the year at a rate which is very nearly the mean of the last ten years. Both the vertical force and the inclination showed, as usual, a gradual increase.

The following table gives the character figure assigned to each day according to the international scheme. In 1924, De Bilt issued a circular letter explaining a certain definite procedure to be followed in assigning a character figure to each day. The figures herein given have consequently been deduced from a study of the departure of each day's range from the normal range for the day supplemented by an eye examination of the magnetograms.

Month.	" 0 " days.	" 1 " days.	" 2 " days.	Mean character figure.
1925.				
January .	1, 2, 4, 6, 7, 8, 10, 12, 14, 15, 22, 25, 26, 28, 30, 31.	3, 5, 9, 11, 17, 18, 20, 21, 23, 24, 27, 29.	13, 16, 19	.58
February .	2, 3, 4, 5, 7, 10, 15, 16, 20, 21, 22, 27	1, 6, 9, 11, 12, 13, 14, 17, 18, 19, 23, 25, 26, 28.	8, 24	.64
March .	2, 3, 4, 6, 7, 11, 12, 13, 14, 16, 18, 19, 21, 24, 30, 31.	1, 5, 8, 10, 17, 20, 22, 23, 25, 26, 28, 29.	9, 15, 27	.58
April .	4, 13, 14, 16, 17, 18, 19, 21, 22, 24, 25, 30	1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 15, 23, 26, 27, 28, 29.	3, 20	.67
May .	1, 2, 6, 7, 8, 10, 11, 12, 14, 15, 16, 17, 20, 23, 25.	3, 5, 9, 13, 18, 19, 21, 22, 24, 26, 27, 28, 29, 30, 31.	4	.55
June .	7, 8, 9, 12, 15, 19, 20, 21, 22, 26	1, 2, 3, 4, 5, 6, 10, 11, 14, 16, 17, 18, 25, 27, 28, 29, 30.	13, 23, 24	.77
July .	2, 3, 4, 6, 7, 12, 16, 17, 18, 24, 29, 30, 31	1, 5, 8, 9, 11, 13, 14, 15, 19, 20, 21, 22, 23, 25, 27, 28.	10, 26	.65
August .	2, 5, 10, 11, 12, 13, 15, 20, 21, 27, 28	1, 3, 4, 6, 8, 9, 14, 16, 17, 18, 19, 22, 24, 25, 26, 29, 30, 31.	7, 23	.71
September .	6, 8, 10, 11, 12, 13, 18, 19, 26, 27, 28, 29, 30.	3, 4, 5, 7, 9, 16, 17, 20, 22, 23, 25.	1, 2, 14, 15, 21, 24.	.77
October .	3, 14, 16, 18, 28, 29, 30	1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 15, 17, 19, 20, 25, 26, 27, 31.	21, 22, 23, 24	.90
November .	3, 4, 5, 6, 7, 12, 16, 17, 18, 19, 21, 22, 23, 26, 27, 28, 29, 30.	1, 2, 8, 9, 10, 11, 13, 14, 15, 20, 24, 25.	..	.40
December .	3, 8, 9, 10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 26.	1, 2, 4, 5, 7, 15, 20, 23, 24, 25, 29, 30, 31.	6, 18, 27, 28	.68

The year was on the whole more active than 1924, which again was more active than the sunspot minimum year 1922. October was the most active and November the most inactive month in the year.

Absolute observations and Base Line Values.

Declination.

Absolute observations of declination were made once a week with both the magnetometers No. 7 and No. 3, one after the other.

Base-line values are derived by converting the ordinates corresponding to absolute observations with instrument No. 7 into angles and subtracting the converted ordinates from the observed absolute declination. The values so obtained of the base-lines of the declination magnetograph denote easterly declination. Owing to a gradual decrease in the easterly declination, the declination curve had come very near the lower edge of photographic paper and consequently the magnetograph was adjusted on the 15th August 1925. As a result of the adjustment the declination curve, which was below the base-line, was shifted in the middle of the paper and above the base-line. Owing to this change, the base-line values which previously denoted easterly declination, represented westerly declination after that date.

The adopted values are derived by taking overlapping means of 5 successive observations and reducing them to the proper epoch, values for intermediate days being obtained by simple interpolations.

Declination base-line values, 1925.

(0° plus tabular minutes.)

Date.	Observed.	Adopted.	Date.	Observed.	Adopted.	Date.	Observed.	Adopted.
January 1 .	36·7 E	37·5 E	May 7 .	37·3 E	37·3 E	September 3 .	71·1 W	71·2 W
„ 8 .	37·7	37·6	„ 14 .	37·7	37·5	„ 10 .	71·5	71·3
„ 15 .	37·8	37·6	„ 21 .	37·6	37·5	„ 17 .	71·8	71·5
„ 22 .	37·8	37·7	„ 28 .	37·7	37·5	„ 24 .	71·6	71·6
„ 29 .	38·0	37·7	June 5 .	37·3	37·5	October 1 .	71·6	71·6
February 5 .	37·4	37·7	„ 11 .	37·4	37·4	„ 8 .	71·6	71·6
„ 12 .	37·7	37·6	„ 18 .	37·3	37·3	„ 14 .	71·3	71·6
„ 19 .	37·4	37·4	„ 25 .	37·2	37·4	„ 22 .	71·9	71·5
„ 26 .	37·5	37·4	July 2 .	37·5	37·4	„ 29 .	71·5	71·5
March 5 .	37·0	37·5	„ 9 .	37·5	37·4	November 5 .	71·4	71·5
„ 12 .	37·7	37·1	„ 16 .	37·8	37·5	„ 12 .	71·6	71·3
„ 19 .	37·0	37·0	„ 23 .	37·2	37·5	„ 19 .	71·0	71·3
„ 26 .	36·6	36·9	„ 30 .	37·5	37·5	„ 26 .	71·1	71·4
April 3 .	36·7	36·8	August 6 .	37·7	37·5	December 3 .	71·5	71·4
„ 9 .	36·8	36·7	„ 14 .	37·3	37·5	„ 10 .	71·8	71·6
„ 16 .	36·8	36·8	„ 17 .	70·7 W	70·8 W	„ 18 .	71·4	71·7
„ 23 .	36·7	36·9	„ 19 .	70·9	70·8	„ 24 .	71·9	71·8
„ 30 .	37·0	37·1	„ 22 .	70·9	70·8	„ 31 .	71·6	71·8
			„ 27 .	70·6	70·9			

Horizontal Force.

Absolute observations of horizontal intensity were made twice a week, on Mondays with instrument No. 3 and on Wednesdays with instrument No. 7. A day's observations comprise a double set of vibration and deflection experiments at three distances, which for No. 7 are 22·5 cms., 30 cms. and 40 cms. In calculating the base-line values the mean of the observed values at all the three distances has been adopted.

Base-line values are derived by converting the mean ordinates corresponding to absolute observations with instrument No. 7 in terms of γ and subtracting the converted ordinates from the mean observed absolute horizontal force. They are further reduced to a uniform temperature of 85° F. to make the series comparable from month to month and year to year.

The adopted values are derived by taking overlapping means of 5 successive double sets of observations and reducing them to the proper epoch, values for intermediate days being obtained by simple interpolation.

Horizontal force base-line values at 85° F., 1925.

Date.	Observed.	Adopted.	Date.	Observed.	Adopted.	Date.	Observed.	Adopted.
	Y	Y		Y	Y		Y	Y
January 7 .	36,731	36,731	May 6 .	36,751	36,749	September 2 .	36,743	36,744
„ 14 .	730	730	„ 13 .	753	747	„ 9 .	747	744
„ 21 .	723	729	„ 20 .	751	747	„ 16 .	745	746
„ 28 .	729	729	„ 27 .	733	745	„ 23 .	747	746
February 4 .	733	728	June 4 .	746	745	„ 30 .	745	747
„ 11 .	729	730	„ 10 .	743	744	October 7 .	746	748
„ 18 .	723	729	„ 17 .	750	747	„ 13 .	751	743
„ 25 .	734	729	„ 24 .	750	746	„ 21 .	752	750
March 4 .	723	731	July 1 .	745	746	„ 28 .	751	752
„ 11 .	735	734	„ 8 .	744	745	November 4 .	750	752
„ 18 .	739	736	„ 15 .	739	743	„ 11 .	757	751
„ 25 .	740	740	„ 22 .	745	743	„ 18 .	749	750
April 1 .	742	742	„ 29 .	742	743	„ 25 .	745	750
„ 8 .	743	743	August 5 .	745	744	December 2 .	749	748
„ 15 .	745	744	„ 13 .	743	743	„ 9 .	750	748
„ 22 .	745	746	„ 20 .	745	743	„ 16 .	747	747
„ 29 .	747	748	„ 26 .	739	743	„ 23 .	748	746
						„ 30 .	741	745

Vertical Force.

Dip observations were made every day in the year, with the exception of Sundays and holidays, each of the two inductor instruments being observed on alternate days.

Base-line values are derived by expressing the mean ordinates of V. F. magnetograms corresponding to the inclination observations in terms of γ and subtracting the converted ordinates from the absolute vertical force obtained by multiplying the value of H. F. at the time by the tangent of the inclination given by Inductor observations. Values derived from Inductor No. 108 are reduced to those derived from Inductor No. 41 (which is the Observatory standard) by applying the mean correction for the month deduced from the comparative observations taken once a week.

The adopted values are derived by taking overlapping means of 7 successive observations and reducing them to the proper epoch, values for those days not given by this operation being obtained by interpolation.

Vertical force base-line values, 1925,

Date.	Observed.	Adopted.	Date.	Observed.	Adopted.	Date.	Observed.	Adopted.
	Y	Y		Y	Y		Y	Y
January 7 .	16,927	16,932	February 4 .	16,933	16,940	March 4 .	16,961	16,956
„ 13 .	939	924	„ 11 .	913	936	„ 10 .	957	965
„ 21 .	950	916	„ 18 .	938	945	„ 18 .	955	958
„ 28 .	935	920	„ 25 .	944	952	„ 25 .	942	939

Vertical force base-line values, 1925—*contd.*

Date.	Observed.	Adopted.	Date.	Observed.	Adopted.	Date.	Observed.	Adopted.
	Υ	Υ		Υ	Υ		Υ	Υ
April 1 .	16,932	16,918	July 1 .	16,955	16,960	October 7 .	16,898	16,900
„ 8 .	925	917	„ 8 .	951	959	„ 13 .	920	911
„ 15 .	918	913	„ 15 .	967	963	„ 21 .	885	886
„ 22 .	900	895	„ 22 .	968	968	„ 28 .	863	871
„ 29 .	884	882	„ 29 .	984	973	November 4 .	881	886
May 6 .	865	880	August 5 .	989	936	„ 11 .	887	893
„ 13 .	917	889	„ 14 .	955	959	„ 18 .	896	900
„ 20 .	888	881	„ 21 .	923	922	„ 25 .	854	869
„ 27 .	925	894	„ 26 .	914	921	December 2 .	909	887
June 5 .	837	911	September 2 .	909	912	„ 9 .	877	893
„ 10 .	962	937	„ 9 .	895	910	„ 16 .	907	910
„ 17 .	960	946	„ 16 .	908	913	„ 23 .	917	916
„ 24 .	964	953	„ 23 .	926	904	„ 30 .	948	941
			„ 30 .	905	898			

Seismographs.

The Milne-Shaw Seismograph (N-S component) which was kept in continuous action in the underground constant temperature room gave very satisfactory records of earthquakes and microseisms during the year. The earthquakes and microseisms recorded by this instrument will be found tabulated on pages 126—131 and pages 132—135 respectively. The Omori-Ewing seismograph (E-W component) was kept in operation during the first half of the year and the locally constructed Seismograph (N-S and E-W components) during the latter half, as auxiliary instruments.

Magnetic Storms.

In plates I, II, III, IV and V are reproduced disturbed magnetic records for days recommended for publication by the International Commission of Terrestrial Magnetism. The base-line values and scale coefficients are shown with each curve. The hourly breaks last for 2 to 3 minutes and the time shown against a break is the time for the middle of the break expressed in Greenwich mean time. Increasing ordinates for H. F. and V. F. curves mean increase in force. In the declination curves increase in ordinate was equivalent to an increase in angle towards the west till the 15th August but owing to an adjustment on that date, increase in ordinate thereafter meant an increase in angle towards the east.

S. K. BANERJI,
Meteorologist, Bombay.

Colaba Observatory, Bombay,
The 30th May, 1929.

Meteorological Tables.

BAROMETRIC PRESSURE, 1925.

JANUARY. (Averages for periods of sixty minutes from full hour to full hour of local mean time.)
(IN INCHES OF MERCURY AT 32° F.)

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29.934	29.917	29.911	29.911	29.929	29.936	29.955	29.970	29.979	29.992	29.980	29.948	29.921	29.888
2	.914	.900	.885	.875	.884	.900	.924	.952	.976	.980	.976	.949	.918	.889
3	.915	.899	.888	.886	.897	.908	.935	.954	.980	.972	.970	.941	.905	.881
4	.930	.918	.911	.909	.915	.924	.946	.967	.993	.994	.989	.961	.919	.887
5	.926	.918	.907	.897	.905	.918	.930	.949	.966	.971	.963	.937	.903	.868
6	.871	.849	.841	.842	.847	.856	.874	.894	.914	.918	.918	.899	.870	.836
7	.858	.849	.847	.853	.867	.877	.907	.935	.962	.968	.960	.934	.901	.865
8	.881	.872	.859	.849	.857	.872	.895	.918	.955	.965	.961	.939	.921	.890
9	.916	.906	.895	.882	.895	.899	.916	.928	.952	.959	.956	.935	.910	.873
10	.914	.898	.891	.878	.882	.880	.897	.920	.948	.950	.940	.917	.893	.860
11	.903	.897	.889	.875	.882	.888	.908	.927	.960	.960	.961	.934	.905	.874
12	.914	.893	.877	.864	.879	.880	.888	.908	.939	.946	.942	.921	.889	.848
13	.869	.851	.830	.821	.828	.836	.853	.874	.895	.908	.904	.886	.862	.837
14	.873	.865	.853	.839	.845	.859	.884	.910	.933	.941	.941	.913	.879	.847
15	.846	.828	.822	.817	.824	.832	.854	.875	.898	.904	.903	.876	.844	.813
16	.861	.839	.825	.812	.811	.821	.838	.853	.873	.877	.879	.857	.833	.803
17	.832	.823	.823	.825	.835	.849	.872	.897	.921	.924	.917	.897	.872	.845
18	.892	.882	.874	.868	.874	.888	.910	.927	.953	.957	.955	.937	.924	.906
19	.948	.942	.937	.933	.937	.949	.966	.984	30.010	30.014	30.014	.996	.966	.935
20	.965	.951	.942	.923	.923	.925	.948	.966	29.993	.003	.000	.977	.946	.909
21	.932	.919	.909	.903	.913	.921	.948	.978	30.009	.019	.019	30.000	.972	.934
22	.972	.958	.949	.941	.942	.956	.974	.995	.030	.035	.021	29.994	.959	.927
23	.969	.949	.937	.933	.940	.951	.972	.996	.021	.023	.017	.901	.963	.931
24	.935	.923	.916	.915	.923	.937	.967	.996	.024	.043	.047	30.023	30.001	.975
25	.994	.977	.963	.960	.965	.973	.992	30.011	.041	.053	.042	.016	29.983	.948
26	.953	.937	.920	.904	.904	.907	.924	29.935	29.957	29.969	29.964	29.945	.924	.890
27	.930	.912	.902	.887	.887	.894	.919	.936	.966	.980	.985	.968	.951	.932
28	.957	.946	.937	.933	.938	.945	.965	.985	30.015	30.029	30.023	30.001	.976	.948
29	.966	.939	.922	.914	.911	.919	.939	.957	29.969	29.981	29.971	29.943	.904	.871
30	.914	.901	.890	.875	.879	.882	.898	.915	.940	.952	.945	.921	.891	.861
31	.902	.887	.875	.869	.869	.881	.902	.921	.946	.956	.947	.924	.887	.856
Mean.	29.915	29.901	29.891	29.884	29.890	29.899	29.919	29.940	29.965	29.972	29.968	29.945	29.916	29.885
Variation.	+.004	-.010	-.020	-.027	-.021	-.012	+.008	+.029	+.054	+.061	+.057	+.034	+.005	-.026

FEBRUARY.

1	29.911	29.896	29.887	29.877	29.891	29.907	29.931	29.955	29.982	29.993	30.000	29.982	29.960	29.933
2	.967	.956	.948	.935	.933	.937	.961	.976	.997	30.006	.008	.981	.954	.918
3	.944	.925	.910	.899	.901	.915	.938	.957	.976	29.982	29.977	.951	.921	.890
4	.899	.886	.876	.873	.879	.892	.918	.933	.953	.957	.944	.920	.886	.854
5	.893	.882	.876	.863	.875	.886	.915	.938	.964	.973	.970	.942	.917	.891
6	.906	.894	.887	.878	.883	.890	.911	.937	.961	.968	.962	.945	.922	.894
7	.918	.906	.895	.891	.895	.905	.923	.946	.972	.985	.980	.958	.926	.898
8	.908	.893	.882	.875	.883	.891	.914	.929	.954	.974	.973	.954	.931	.907
9	.945	.931	.916	.909	.909	.913	.939	.963	.997	30.011	30.014	30.000	.977	.952
10	.999	.987	.973	.963	.965	.969	.989	30.012	30.038	.053	.056	.040	30.010	.986
11	30.041	30.029	30.019	30.014	30.018	30.023	30.044	.059	.081	.091	.083	.055	.025	.997
12	.014	.003	29.997	29.992	.001	.011	.035	.054	.082	.087	.077	.053	.021	.982
13	29.951	29.937	.933	.923	29.933	29.941	29.960	29.975	.002	.008	.002	29.974	29.948	.921
14	.891	.874	.858	.850	.858	.871	.898	.920	29.947	29.958	29.958	.936	.907	.878
15	.904	.893	.885	.876	.887	.895	.921	.942	.968	.978	.974	.944	.914	.881
16	.889	.876	.872	.871	.879	.901	.931	.957	.982	.996	.995	.976	.959	.929
17	.947	.931	.922	.909	.919	.930	.953	.969	.993	30.004	30.002	.975	.948	.914
18	.938	.919	.909	.903	.903	.909	.928	.943	.963	29.968	29.964	.940	.917	.890
19	.901	.878	.866	.860	.864	.882	.911	.930	.949	.960	.954	.929	.905	.879
20	.901	.882	.874	.874	.881	.895	.919	.944	.972	.981	.973	.946	.916	.884
21	.927	.909	.899	.887	.894	.906	.927	.949	.974	.981	.978	.954	.927	.903
22	.937	.921	.907	.901	.908	.918	.939	.959	.989	30.002	30.000	.976	.943	.911
23	.901	.883	.874	.870	.875	.881	.905	.931	.965	29.980	29.980	.961	.940	.922
24	.927	.902	.892	.871	.876	.882	.901	.919	.934	.932	.936	.914	.884	.853
25	.875	.849	.829	.815	.808	.820	.844	.863	.886	.891	.888	.866	.846	.824
26	.877	.864	.856	.848	.850	.859	.877	.887	.911	.919	.918	.901	.882	.854
27	.911	.896	.890	.882	.885	.894	.918	.944	.970	.979	.985	.966	.944	.921
28	.934	.912	.905	.898	.903	.915	.941	.969	.994	.996	.994	.970	.942	.901
Mean .	29.927	29.911	29.901	29.893	29.898	29.909	29.932	29.952	29.977	29.986	29.984	29.961	29.935	29.906
Variation.	+.004	-.012	-.022	-.030	-.025	-.014	+.009	+.029	+.054	+.063	+.061	+.038	+.012	-.017

BAROMETRIC PRESSURE, 1925.

JANUARY. (Averages for periods of sixty minutes from full hour to full hour of local mean time). (IN INCHES OF MERCURY AT 32° F.)

Hours.										Mean.	Maximum.		Minimum.		Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
29.871	29.865	29.872	29.886	29.895	29.911	29.923	29.929	29.930	29.922	29.924	9 20	29.997	15 13	29.861	1
.876	.872	.880	.898	.917	.932	.945	.943	.944	.929	.919	8 50	.993	15 47	.870	2
.870	.873	.882	.896	.918	.933	.949	.954	.951	.933	.920	8 16	.980	14 31	.867	3
.867	.859	.864	.882	.901	.924	.943	.944	.938	.929	.926	9 25	30.002	15 45	.858	4
.858	.858	.866	.872	.888	.907	.913	.911	.903	.884	.909	9 15	29.974	15 47	.858	5
.816	.802	.802	.808	.824	.838	.852	.854	.859	.858	.856	9 33	.925	16 11	.798	6
.847	.835	.844	.851	.865	.877	.896	.896	.901	.886	.887	9 5	.969	15 34	.835	7
.872	.873	.881	.887	.903	.921	.933	.937	.935	.921	.904	9 14	.969	3 38	.849	8
.851	.837	.851	.863	.883	.901	.922	.933	.930	.914	.904	9 20	.959	15 35	.837	9
.837	.827	.833	.839	.862	.876	.909	.915	.921	.909	.891	8 51	.952	15 15	.827	10
.853	.848	.856	.868	.885	.906	.926	.934	.938	.920	.904	9 15	.966	15 30	.844	11
.831	.817	.827	.837	.844	.864	.883	.894	.893	.882	.882	9 22	.951	15 43	.817	12
.820	.817	.831	.841	.858	.870	.885	.888	.890	.879	.860	9 20	.913	3 20	.817	13
.824	.811	.816	.830	.851	.866	.882	.883	.875	.858	.870	9 35	.950	16 15	.810	14
.796	.792	.804	.813	.832	.852	.864	.864	.863	.853	.845	9 14	.914	14 42	.791	15
.787	.776	.782	.788	.807	.825	.848	.846	.841	.833	.829	9 50	.890	16 0	.775	16
.829	.828	.837	.850	.873	.890	.909	.908	.908	.899	.869	9 10	.933	3 4	.823	17
.894	.884	.893	.903	.920	.939	.962	.966	.968	.956	.918	21 26	.974	4 4	.868	18
.919	.915	.923	.930	.951	.973	.922	.994	.990	.976	.962	9 8	30.020	15 45	.914	19
.883	.875	.880	.890	.912	.932	.949	.950	.947	.936	.939	9 30	.012	15 30	.874	20
.920	.911	.919	.923	.948	.962	.979	.985	.988	.983	.954	9 0	.028	3 36	.902	21
.896	.888	.896	.906	.917	.930	.958	.973	.973	.965	.966	9 10	.045	15 45	.887	22
.904	.894	.891	.895	.900	.911	.932	.937	.942	.937	.947	9 10	.031	17 10	.889	23
.955	.941	.944	.946	.959	.974	.999	30.011	30.016	30.004	.974	9 10	.049	3 25	.913	24
.930	.920	.911	.918	.935	.955	.977	29.981	29.978	29.962	.974	9 10	.061	16 29	.909	25
.871	.861	.869	.875	.892	.914	.931	.940	.951	.941	.920	9 38	29.981	15 45	.861	26
.921	.910	.917	.927	.946	.957	.975	.971	.973	.961	.938	10 0	.987	3 56	.885	27
.923	.908	.911	.920	.939	.957	.977	.981	.983	.971	.961	10 0	30.041	16 0	.903	28
.853	.845	.852	.861	.881	.895	.913	.913	.919	.916	.914	9 15	29.983	15 30	.843	29
.839	.831	.841	.850	.867	.889	.901	.909	.917	.903	.892	9 17	.957	15 35	.827	30
.840	.831	.835	.842	.858	.877	.900	.913	.917	.917	.890	9 6	.959	15 35	.829	31
29.866	29.858	29.865	29.874	29.891	29.908	29.927	29.931	29.932	29.921	29.911					Mean.
— .045	— .053	— .046	— .037	— .020	— .003	+ .016	+ .020	+ .021	+ .010						Variation.

FEBRUARY.

29.922	29.922	29.919	29.920	29.932	29.952	29.972	29.979	29.982	29.971	29.941	9 38	30.007	4 0	29.877	1
.896	.876	.885	.891	.907	.924	.949	.960	.965	.951	.945	10 15	.016	15 35	.876	2
.871	.864	.863	.868	.883	.886	.901	.905	.912	.907	.914	9 45	29.992	15 45	.860	3
.831	.823	.833	.836	.853	.874	.892	.901	.906	.897	.888	9 10	.960	15 25	.820	4
.876	.864	.867	.871	.886	.903	.925	.931	.932	.923	.907	9 26	.984	16 0	.862	5
.872	.860	.857	.862	.875	.891	.914	.928	.928	.921	.906	9 12	.970	16 34	.854	6
.872	.861	.856	.868	.885	.901	.930	.941	.937	.923	.915	9 27	.992	16 12	.849	7
.894	.887	.888	.892	.906	.921	.946	.950	.952	.948	.919	9 25	.979	3 34	.871	8
.925	.909	.922	.919	.942	.968	.993	30.001	30.010	30.005	.957	9 30	30.020	3 58	.904	9
.964	.957	.960	.968	.984	30.003	30.028	.041	.053	.051	30.002	10 0	.063	15 16	.951	10
.971	.964	.969	.975	.992	.000	.018	.019	.022	.017	.022	9 19	.097	16 15	.963	11
.955	.940	.941	.939	.953	29.962	29.976	29.977	29.974	29.962	29.999	9 29	.093	15 36	.937	12
.894	.876	.872	.869	.873	.882	.904	.903	.911	.901	.929	9 32	.018	17 15	.866	13
.862	.847	.849	.853	.871	.885	.914	.914	.918	.908	.893	9 45	29.967	15 46	.843	14
.856	.836	.842	.846	.859	.873	.889	.898	.901	.895	.898	9 36	.984	15 51	.832	15
.912	.895	.893	.901	.914	.931	.956	.965	.965	.955	.929	9 21	30.000	3 0	.868	16
.895	.882	.887	.901	.913	.931	.948	.952	.966	.947	.939	9 30	.013	15 54	.879	17
.866	.849	.849	.849	.866	.882	.907	.921	.924	.911	.909	9 35	29.971	15 55	.841	18
.855	.842	.846	.855	.873	.889	.909	.919	.916	.906	.895	9 34	.964	15 42	.838	19
.862	.855	.856	.862	.880	.907	.934	.948	.951	.936	.910	9 12	.985	16 22	.851	20
.854	.873	.869	.876	.899	.920	.943	.948	.948	.945	.922	10 0	.985	16 35	.867	21
.886	.862	.851	.854	.869	.887	.911	.917	.915	.909	.920	9 51	30.008	16 42	.849	22
.907	.890	.890	.891	.916	.931	.955	.958	.955	.946	.921	9 21	29.987	2 38	.867	23
.828	.821	.831	.843	.861	.885	.907	.907	.910	.892	.888	10 10	.939	15 22	.815	24
.794	.780	.787	.796	.816	.840	.874	.891	.896	.888	.844	22 0	.899	16 32	.779	25
.830	.821	.828	.836	.857	.878	.898	.906	.911	.912	.874	9 13	.927	15 10	.817	26
.899	.887	.901	.911	.930	.946	.959	.960	.952	.942	.928	10 0	.989	4 0	.879	27
.878	.865	.873	.875	.895	.911	.936	.938	.939	.932	.926	8 43	30.001	16 9	.865	28
29.884	29.872	29.874	29.880	29.896	29.913	29.935	29.942	29.944	29.936	29.923					
— .039	— .051	— .049	— .043	— .027	— .010	+ .012	+ .019	+ .021	+ .013						

BAROMETRIC PRESSURE, 1925.

MARCH. (Averages for periods of sixty minutes from full hour to full hour of local mean time.)
(IN INCHES OF MERCURY AT 32° F).

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
	29.928	29.911	29.905	29.900	29.905	29.916	29.931	29.944	29.963	29.962	29.949	29.917	29.883	29.851
3	.871	.853	.849	.842	.847	.862	.883	.913	.941	.942	.938	.913	.881	.842
4	.879	.866	.856	.853	.864	.879	.905	.926	.946	.950	.952	.929	.897	.876
5	.917	.901	.896	.894	.901	.918	.945	.967	.987	.992	.990	.968	.946	.910
6	.951	.937	.928	.919	.928	.935	.958	.977	.994	30.001	.999	.971	.939	.901
7	.938	.920	.905	.902	.911	.926	.953	.977	30.005	.014	30.014	.990	.964	.925
8	.925	.901	.887	.877	.893	.907	.939	.954	29.978	29.984	29.980	.957	.936	.908
9	.925	.902	.892	.877	.880	.895	.918	.931	.952	.954	.954	.937	.910	.886
10	.923	.902	.889	.879	.886	.894	.917	.929	.947	.948	.950	.924	.903	.871
11	.879	.866	.854	.848	.855	.870	.893	.904	.921	.922	.925	.907	.882	.850
12	.838	.823	.818	.810	.818	.828	.851	.869	.892	.893	.897	.877	.856	.832
13	.852	.834	.825	.819	.828	.830	.850	.869	.893	.896	.900	.873	.844	.818
14	.848	.828	.818	.808	.809	.819	.842	.849	.866	.870	.864	.846	.824	.801
15	.799	.785	.783	.784	.800	.807	.824	.841	.855	.864	.864	.849	.825	.791
16	.862	.847	.836	.831	.844	.857	.890	.912	.933	.932	.919	.916	.896	.862
17	.829	.819	.812	.811	.819	.829	.855	.867	.880	.884	.888	.871	.847	.819
18	.799	.783	.785	.782	.791	.799	.819	.828	.848	.854	.845	.817	.793	.761
19	.788	.787	.781	.772	.779	.788	.810	.820	.840	.837	.832	.812	.782	.748
20	.751	.739	.725	.716	.737	.746	.763	.776	.803	.808	.819	.802	.783	.747
21	.787	.775	.775	.766	.775	.790	.811	.833	.858	.857	.857	.829	.793	.754
22	.804	.774	.768	.763	.767	.780	.802	.822	.844	.846	.854	.830	.810	.777
23	.790	.781	.780	.783	.794	.806	.836	.859	.886	.890	.889	.863	.843	.801
24	.840	.816	.802	.783	.796	.807	.834	.846	.868	.872	.869	.842	.824	.795
25	.814	.790	.780	.781	.789	.792	.820	.836	.864	.864	.860	.844	.827	.794
26	.800	.774	.764	.744	.743	.746	.775	.796	.826	.835	.832	.807	.786	.747
27	.746	.727	.716	.700	.708	.718	.744	.770	.806	.812	.816	.792	.772	.739
28	.762	.746	.735	.726	.744	.757	.782	.804	.825	.827	.825	.807	.784	.756
29	.765	.753	.750	.752	.778	.785	.814	.842	.878	.888	.888	.873	.855	.825
30	.831	.813	.807	.807	.805	.814	.840	.855	.874	.872	.864	.847	.827	.793
31	.799	.781	.770	.762	.778	.793	.818	.834	.858	.858	.853	.832	.815	.779
	.787	.769	.764	.767	.783	.801	.829	.848	.871	.869	.869	.853	.829	.805
Mean	29.840	29.823	29.815	29.808	29.818	29.829	29.853	29.871	29.894	29.897	29.895	29.874	29.850	29.818
Variation	+ .007	— .010	— .018	— .25	— .015	— .004	+ .020	+ .038	+ .061	+ .064	+ .062	+ .041	+ .017	— .015

APRIL.

1	29.811	29.796	29.790	29.780	29.795	29.809	29.835	29.855	29.880	29.880	29.876	29.859	29.840	29.819
2	.834	.810	.810	.808	.823	.833	.855	.876	.908	.913	.918	.894	.866	.824
3	.811	.796	.781	.769	.779	.798	.826	.843	.856	.849	.839	.817	.785	.749
4	.771	.751	.749	.740	.749	.759	.779	.801	.822	.824	.824	.805	.779	.754
5	.794	.778	.770	.762	.776	.797	.820	.836	.859	.857	.856	.833	.809	.777
6	.841	.828	.822	.807	.812	.818	.847	.866	.890	.890	.895	.880	.863	.825
7	.847	.824	.812	.803	.816	.827	.857	.875	.897	.899	.903	.887	.863	.829
8	.832	.805	.788	.784	.800	.813	.846	.873	.895	.903	.903	.891	.870	.834
9	.841	.823	.806	.784	.791	.802	.832	.859	.880	.883	.892	.878	.856	.823
10	.822	.804	.799	.793	.807	.818	.849	.877	.900	.900	.909	.899	.882	.849
11	.828	.815	.808	.801	.816	.826	.854	.867	.882	.883	.886	.871	.852	.822
12	.811	.795	.780	.765	.799	.815	.837	.853	.874	.876	.882	.869	.856	.828
13	.838	.821	.812	.807	.820	.831	.855	.874	.895	.899	.902	.885	.863	.834
14	.856	.842	.837	.835	.852	.865	.886	.903	.923	.923	.927	.911	.892	.860
15	.871	.859	.857	.861	.869	.880	.904	.926	.942	.943	.945	.929	.902	.870
16	.854	.835	.826	.813	.817	.817	.844	.862	.892	.897	.892	.872	.849	.823
17	.810	.796	.787	.781	.800	.817	.838	.858	.879	.879	.885	.869	.851	.830
18	.849	.831	.838	.841	.849	.864	.892	.914	.941	.942	.944	.923	.896	.860
19	.883	.869	.854	.838	.847	.851	.869	.890	.904	.896	.888	.873	.852	.811
20	.819	.793	.770	.765	.768	.774	.800	.819	.843	.839	.840	.819	.794	.763
21	.766	.738	.744	.739	.746	.761	.789	.804	.816	.817	.815	.785	.755	.717
22	.734	.720	.710	.702	.718	.732	.760	.782	.806	.807	.813	.801	.784	.754
23	.780	.764	.757	.743	.759	.768	.798	.817	.832	.830	.828	.820	.793	.755
24	.722	.698	.682	.669	.679	.690	.717	.735	.755	.757	.761	.748	.731	.699
25	.696	.677	.674	.668	.676	.686	.712	.730	.747	.746	.749	.746	.741	.725
26	.752	.746	.738	.730	.740	.741	.758	.767	.784	.788	.789	.781	.778	.752
27	.778	.765	.759	.750	.767	.772	.784	.796	.818	.817	.804	.788	.778	.749
28	.787	.771	.762	.758	.769	.778	.798	.805	.826	.824	.821	.811	.800	.774
29	.791	.774	.768	.759	.772	.779	.805	.818	.838	.846	.848	.829	.811	.784
30	.736	.709	.699	.687	.701	.703	.730	.754	.771	.778	.779	.768	.752	.722
Mean.	29.805	29.788	29.780	29.771	29.784	29.794	29.819	29.838	29.859	29.859	29.860	29.845	29.825	29.794
Variation	+ .002	— .015	— .023	— .032	— .019	— .009	+ .016	+ .035	+ .056	+ .056	+ .057	+ .042	+ .022	— .019

BAROMETRIC PRESSURE, 1925.

15

MARCH.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN INCHES OF MERCURY AT 32°

Hours.										Mean.	Maximum.		Minimum.		Date.
14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
29.817	29.805	29.810	29.819	29.833	29.849	29.874	29.877	29.884	29.876	29.888	9 4	29.974	15 50	29.800	1
.821	.809	.819	.826	.844	.860	.888	.898	.898	.890	.872	8 45	.946	15 49	.808	2
.859	.846	.850	.863	.880	.901	.926	.933	.937	.927	.896	10 11	.961	15 26	.843	3
.884	.867	.868	.876	.900	.925	.956	.962	.968	.959	.929	9 38	.997	16 17	.862	4
.870	.857	.859	.873	.892	.908	.940	.950	.957	.945	.933	9 36	30.011	15 39	.851	5
.893	.874	.876	.874	.889	.908	.933	.933	.935	.925	.933	9 40	.020	15 38	.870	6
.885	.870	.869	.870	.887	.892	.912	.919	.928	.928	.916	9 8	29.988	16 25	.864	7
.868	.863	.859	.865	.880	.897	.913	.924	.937	.933	.906	9 33	.960	16 14	.856	8
.842	.825	.825	.826	.842	.858	.877	.883	.887	.878	.888	9 0	.955	15 50	.821	9
.822	.803	.803	.813	.828	.840	.853	.855	.857	.840	.862	9 20	.932	15 41	.798	10
.807	.787	.785	.788	.809	.820	.838	.849	.863	.861	.838	9 15	.904	16 44	.782	11
.794	.777	.779	.784	.803	.829	.852	.864	.866	.860	.839	9 13	.902	15 58	.774	12
.768	.743	.740	.740	.761	.776	.785	.794	.804	.798	.808	9 20	.877	17 25	.735	13
.777	.781	.793	.808	.839	.875	.887	.884	.885	.873	.828	20 35	.891	14 30	.773	14
.832	.820	.839	.849	.860	.862	.862	.871	.882	.864	.870	9 30	.940	15 2	.810	15
.793	.772	.767	.774	.789	.806	.823	.826	.825	.808	.826	10 0	.891	16 52	.767	16
.735	.712	.709	.709	.731	.752	.770	.778	.779	.774	.781	9 0	.857	16 45	.705	17
.722	.696	.692	.699	.724	.745	.764	.778	.778	.761	.772	9 0	.844	16 44	.690	18
.726	.711	.717	.715	.729	.740	.762	.778	.787	.788	.757	9 37	.823	15 17	.705	19
.737	.715	.709	.715	.739	.754	.787	.810	.815	.811	.785	8 40	.861	17 10	.705	20
.750	.734	.735	.736	.754	.771	.792	.796	.796	.792	.787	9 6	.856	15 40	.728	21
.787	.775	.774	.773	.800	.816	.839	.848	.850	.842	.821	9 3	.894	17 25	.771	22
.772	.750	.744	.741	.756	.776	.808	.823	.829	.819	.809	9 15	.882	17 30	.738	23
.758	.732	.725	.728	.751	.773	.800	.808	.821	.816	.799	9 12	.870	16 45	.720	24
.716	.693	.694	.696	.709	.722	.755	.765	.771	.757	.761	9 13	.840	16 0	.690	25
.706	.684	.676	.676	.703	.726	.760	.769	.781	.776	.743	9 35	.822	17 0	.672	26
.717	.686	.685	.682	.707	.725	.750	.760	.777	.774	.756	9 12	.835	17 15	.679	27
.802	.779	.776	.771	.784	.792	.821	.833	.842	.836	.812	9 12	.898	2 25	.748	28
.764	.741	.741	.739	.759	.776	.796	.804	.817	.803	.808	8 46	.884	17 26	.736	29
.759	.736	.733	.741	.766	.780	.799	.801	.803	.793	.793	9 0	.871	16 45	.731	30
.786	.765	.767	.765	.787	.799	.827	.831	.833	.821	.809	8 30	.883	2 42	.763	31
29.793	29.774	29.775	29.779	29.798	29.815	29.837	29.845	29.851	29.843	29.833					Mean.
-.040	-.059	-.058	-.054	-.035	-.018	+.004	+.012	+.018	+.010						Variation.

APRIL.

29.807	29.794	29.803	29.810	29.829	29.841	29.858	29.862	29.867	29.849	29.831	8 17	29.885	4 0	29.779	1
.798	.774	.766	.763	.782	.791	.812	.822	.832	.819	.830	9 0	.922	17 40	.762	2
.729	.712	.711	.717	.739	.750	.765	.778	.788	.778	.782	8 0	.857	16 45	.709	3
.735	.717	.718	.728	.759	.778	.805	.809	.816	.800	.774	9 0	.833	16 30	.715	4
.758	.745	.755	.771	.795	.811	.834	.842	.854	.844	.806	8 35	.864	15 45	.740	5
.813	.795	.798	.804	.823	.835	.855	.869	.868	.858	.841	9 5	.901	16 0	.793	6
.805	.786	.790	.795	.814	.829	.848	.850	.856	.844	.840	9 0	.911	16 0	.785	7
.801	.783	.782	.790	.815	.827	.842	.853	.865	.854	.835	9 14	.912	17 0	.780	8
.807	.788	.786	.786	.809	.815	.840	.848	.854	.839	.830	9 0	.894	17 36	.780	9
.819	.794	.785	.782	.798	.811	.834	.839	.844	.832	.835	10 25	.915	17 40	.781	10
.802	.782	.773	.769	.790	.801	.815	.823	.833	.818	.826	9 52	.893	17 7	.767	11
.809	.790	.789	.786	.800	.803	.822	.828	.840	.841	.823	9 28	.889	3 30	.763	12
.820	.805	.806	.808	.820	.831	.855	.869	.877	.862	.845	9 23	.908	16 3	.802	13
.836	.822	.820	.830	.858	.873	.884	.889	.895	.883	.871	8 47	.933	16 21	.817	14
.853	.833	.824	.824	.845	.855	.878	.884	.885	.864	.879	8 55	.950	17 6	.822	15
.793	.775	.763	.760	.773	.781	.807	.809	.814	.810	.824	8 52	.900	17 40	.758	16
.807	.785	.790	.790	.809	.829	.846	.852	.859	.855	.829	9 35	.888	3 15	.780	17
.833	.807	.801	.808	.829	.842	.873	.893	.918	.892	.870	9 36	.953	16 34	.797	18
.789	.772	.766	.768	.788	.796	.820	.833	.842	.830	.839	8 20	.909	17 31	.765	19
.726	.700	.685	.680	.708	.731	.757	.763	.769	.762	.770	8 36	.855	17 20	.679	20
.695	.673	.663	.659	.685	.693	.712	.718	.743	.740	.740	8 42	.827	16 55	.657	21
.732	.718	.710	.710	.738	.749	.765	.770	.783	.781	.753	9 35	.823	3 0	.701	22
.732	.710	.706	.704	.722	.734	.743	.745	.747	.734	.763	8 44	.836	17 7	.702	23
.681	.668	.662	.659	.667	.671	.698	.704	.712	.704	.703	8 50	.766	17 1	.656	24
.709	.694	.695	.692	.709	.726	.749	.754	.765	.758	.718	12 0	.771	4 0	.667	25
.738	.725	.720	.733	.753	.772	.789	.791	.799	.786	.760	22 0	.805	16 50	.719	26
.730	.720	.723	.729	.751	.762	.783	.796	.801	.793	.771	8 25	.822	17 2	.718	27
.764	.749	.751	.755	.777	.778	.797	.801	.813	.804	.786	8 37	.831	16 25	.747	28
.761	.738	.733	.732	.743	.740	.751	.757	.766	.748	.779	9 18	.852	16 15	.730	29
.705	.689	.682	.682	.691	.693	.713	.730	.744	.748	.724	8 52	.785	16 55	.681	30
29.773	29.755	29.752	29.754	29.774	29.785	29.805	29.812	29.822	29.811	29.803					Mean.
-.030	-.048	-.051	-.049	-.029	-.018	+.002	+.009	+.019	+.008						Variation.

BAROMETRIC PRESSURE, 1925.

MAY.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN INCHES OF MERCURY AT 32° F.)

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29.759	29.746	29.734	29.720	29.728	29.727	29.760	29.777	29.786	29.788	29.786	29.775	29.757	29.722
2	.742	.734	.729	.718	.729	.732	.758	.779	.792	.790	.787	.762	.738	.706
3	.681	.656	.644	.647	.675	.689	.707	.721	.744	.745	.748	.735	.721	.695
4	.728	.703	.696	.684	.706	.712	.733	.754	.777	.777	.784	.770	.750	.715
5	.730	.720	.720	.721	.742	.748	.770	.782	.800	.801	.810	.798	.778	.741
6	.746	.728	.718	.710	.716	.724	.750	.757	.783	.785	.783	.770	.750	.713
7	.741	.729	.727	.726	.733	.744	.764	.773	.794	.796	.798	.779	.761	.734
8	.777	.755	.746	.743	.753	.763	.790	.808	.822	.822	.822	.809	.798	.766
9	.812	.797	.796	.793	.802	.805	.828	.838	.848	.852	.854	.842	.826	.792
10	.779	.763	.759	.752	.768	.774	.803	.818	.832	.829	.824	.805	.784	.753
11	.711	.698	.697	.703	.722	.734	.765	.780	.790	.784	.786	.776	.757	.723
12	.719	.711	.722	.725	.730	.744	.759	.764	.781	.784	.776	.759	.753	.721
13	.723	.710	.716	.721	.745	.758	.784	.796	.818	.817	.828	.809	.790	.763
14	.733	.713	.716	.704	.717	.725	.753	.761	.772	.772	.766	.750	.731	.703
15	.665	.650	.636	.630	.653	.659	.688	.700	.711	.705	.704	.691	.681	.659
16	.629	.603	.588	.594	.615	.625	.665	.676	.694	.689	.691	.678	.658	.630
17	.636	.629	.622	.618	.628	.642	.683	.698	.731	.735	.743	.733	.718	.699
18	.705	.687	.677	.675	.705	.717	.751	.763	.788	.787	.796	.778	.764	.727
19	.780	.772	.759	.765	.771	.773	.793	.807	.829	.831	.835	.823	.816	.798
20	.808	.794	.790	.780	.788	.799	.821	.831	.841	.840	.849	.840	.832	.803
21	.813	.796	.793	.790	.798	.800	.821	.831	.843	.844	.839	.819	.796	.759
22	.756	.738	.729	.721	.730	.734	.764	.780	.799	.805	.813	.799	.781	.764
23	.760	.742	.741	.741	.761	.771	.796	.822	.845	.847	.851	.839	.818	.792
24	.828	.818	.816	.817	.825	.838	.853	.866	.878	.877	.878	.875	.873	.846
25	.845	.822	.812	.803	.803	.808	.828	.831	.846	.844	.844	.839	.835	.811
26	.809	.791	.778	.766	.764	.772	.790	.799	.807	.808	.810	.802	.791	.773
27	.747	.724	.714	.699	.710	.717	.738	.748	.764	.763	.766	.759	.751	.732
28	.727	.699	.699	.692	.701	.688	.709	.715	.726	.731	.731	.716	.716	.691
29	.748	.727	.731	.725	.726	.726	.742	.752	.767	.763	.766	.753	.743	.723
30	.732	.717	.712	.714	.716	.720	.750	.771	.786	.785	.780	.753	.738	.715
31	.660	.643	.633	.627	.633	.636	.675	.697	.706	.704	.697	.688	.678	.665
Mean	29.743	29.726	29.721	29.717	29.729	29.736	29.761	29.774	29.790	29.790	29.792	29.778	29.764	29.737
Variation	+ .001	— .016	— .021	— .025	— .013	— .006	+ .019	+ .032	+ .048	+ .048	+ .050	+ .036	+ .022	— .005

JUNE.

1	29.659	29.642	29.628	29.621	29.629	29.649	29.668	29.670	29.692	29.695	29.698	29.681	29.665	29.643
2	.639	.624	.611	.602	.615	.610	.630	.648	.659	.657	.663	.648	.636	.608
3	.614	.602	.604	.610	.626	.633	.662	.670	.685	.691	.707	.705	.696	.682
4	.644	.621	.614	.609	.619	.627	.647	.652	.669	.672	.676	.667	.654	.630
5	.607	.574	.573	.555	.559	.560	.575	.581	.598	.596	.593	.582	.571	.557
6	.559	.541	.525	.520	.530	.542	.574	.593	.616	.612	.622	.620	.620	.607
7	.656	.639	.637	.633	.645	.658	.676	.689	.704	.713	.721	.716	.711	.690
8	.730	.712	.702	.695	.707	.712	.732	.744	.760	.763	.769	.764	.758	.745
9	.708	.756	.739	.723	.728	.735	.746	.759	.771	.773	.776	.765	.752	.736
10	.708	.692	.689	.682	.684	.692	.705	.718	.734	.734	.738	.729	.723	.709
11	.701	.686	.684	.676	.678	.680	.708	.720	.734	.739	.746	.738	.730	.722
12	.718	.710	.699	.699	.717	.721	.744	.757	.776	.778	.768	.763	.756	.739
13	.734	.714	.705	.706	.713	.715	.734	.739	.753	.762	.770	.759	.753	.730
14	.726	.706	.699	.690	.698	.694	.740	.758	.778	.775	.774	.765	.756	.736
15	.723	.702	.695	.688	.692	.710	.728	.740	.750	.752	.751	.741	.731	.718
16	.709	.687	.687	.685	.700	.715	.736	.751	.767	.770	.777	.769	.766	.749
17	.772	.759	.756	.751	.749	.760	.782	.786	.805	.812	.818	.807	.804	.793
18	.812	.796	.780	.779	.776	.781	.796	.802	.815	.814	.816	.805	.791	.766
19	.728	.710	.692	.685	.690	.695	.704	.710	.724	.724	.728	.711	.701	.678
20	.667	.647	.633	.627	.627	.630	.650	.656	.667	.669	.673	.667	.656	.635
21	.625	.602	.584	.577	.583	.586	.600	.605	.621	.619	.627	.614	.601	.576
22	.565	.541	.533	.527	.537	.538	.558	.556	.562	.563	.569	.557	.546	.520
23	.523	.498	.481	.475	.490	.491	.500	.504	.509	.509	.514	.505	.491	.462
24	.399	.378	.354	.338	.329	.321	.323	.331	.352	.353	.355	.346	.348	.348
25	.364	.346	.326	.315	.330	.341	.355	.357	.357	.359	.359	.356	.355	.328
26	.400	.394	.397	.402	.416	.432	.451	.452	.471	.471	.463	.463	.472	.459
27	.507	.494	.492	.488	.488	.489	.499	.511	.519	.526	.531	.518	.517	.509
28	.545	.522	.514	.514	.527	.535	.561	.577	.598	.610	.620	.618	.615	.606
29	.649	.630	.628	.616	.615	.626	.646	.648	.665	.672	.681	.668	.660	.646
30	.665	.648	.642	.630	.641	.649	.666	.674	.683	.679	.691	.682	.672	.662
Mean	29.637	29.619	29.610	29.604	29.611	29.618	29.637	29.645	29.660	29.662	29.666	29.650	29.650	29.633
Variation	+ .005	— .013	— .022	— .028	— .021	— .014	+ .005	+ .013	+ .028	+ .030	+ .034	+ .026	+ .018	+ .001

BAROMETRIC PRESSURE, 1925.

17

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

(IN INCHES OF MERCURY AT 32° F.)

MAY.

Hours.										Mean.	Maximum.		Minimum.		Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
29.700	29.678	29.677	29.685	29.711	29.716	29.740	29.744	29.751	29.742	29.738	H. M.	29.795	H. M.	29.675	
.687	.669	.666	.666	.677	.694	.716	.717	.717	.699	.725	9 31	.797	16 55	.663	1
.675	.654	.656	.667	.699	.713	.734	.739	.751	.743	.702	9 0	.757	3 0	.641	2
.691	.669	.667	.674	.701	.710	.736	.739	.749	.737	.723	9 30	.790	16 20	.364	3
.713	.681	.684	.696	.712	.720	.744	.751	.753	.753	.745	9 12	.811	16 25	.677	4
.687	.675	.688	.690	.704	.718	.747	.755	.760	.753	.734	9 8	.795	16 5	.673	5
.715	.690	.683	.692	.713	.734	.761	.768	.787	.782	.747	8 45	.804	16 16	.680	6
.743	.715	.711	.716	.734	.755	.789	.801	.818	.816	.774	8 30	.831	16 10	.707	7
.761	.730	.723	.739	.770	.769	.791	.795	.807	.793	.798	8 52	.861	16 20	.721	8
.719	.689	.674	.673	.698	.709	.722	.731	.739	.718	.755	8 0	.834	17 0	.672	9
.697	.671	.656	.664	.698	.704	.722	.730	.735	.724	.726	8 50	.798	16 8	.654	10
.697	.671	.652	.654	.670	.675	.699	.715	.725	.720	.722	9 0	.795	16 46	.651	11
.738	.710	.699	.696	.721	.732	.742	.746	.755	.743	.753	8 45	.830	16 50	.694	12
.680	.670	.664	.660	.665	.665	.682	.679	.680	.675	.710	8 46	.779	16 42	.659	13
.643	.628	.611	.602	.622	.629	.656	.653	.658	.651	.658	8 0	.712	17 20	.598	14
.616	.597	.586	.592	.613	.622	.640	.642	.652	.642	.635	8 32	.698	16 35	.584	15
.680	.665	.656	.655	.675	.682	.705	.722	.735	.719	.684	9 30	.746	3 0	.616	16
.720	.706	.702	.705	.722	.740	.761	.777	.788	.780	.738	9 24	.801	3 0	.673	17
.783	.762	.761	.759	.779	.794	.808	.817	.821	.814	.794	9 2	.837	3 10	.757	18
.789	.765	.759	.759	.778	.794	.822	.830	.836	.824	.807	9 0	.854	17 5	.758	19
.744	.718	.704	.718	.741	.751	.770	.775	.784	.773	.784	8 45	.850	16 45	.704	20
.751	.729	.726	.729	.732	.742	.759	.773	.781	.775	.759	8 40	.815	3 14	.721	21
.774	.756	.755	.757	.768	.788	.818	.824	.834	.833	.793	9 0	.855	3 0	.737	22
.816	.786	.802	.804	.816	.820	.859	.858	.859	.846	.840	8 42	.883	15 41	.781	23
.796	.775	.769	.780	.801	.817	.841	.845	.843	.824	.819	8 44	.851	16 30	.769	24
.757	.748	.749	.744	.756	.763	.770	.773	.780	.767	.778	9 6	.820	16 30	.744	25
.725	.701	.702	.698	.709	.718	.734	.741	.747	.735	.731	9 30	.773	17 5	.697	26
.693	.683	.695	.697	.713	.726	.741	.748	.758	.760	.715	23 0	.771	15 47	.679	27
.719	.700	.703	.694	.711	.718	.729	.733	.748	.746	.733	8 36	.774	17 35	.692	28
.678	.650	.647	.650	.672	.676	.686	.686	.698	.671	.713	8 55	.794	16 56	.646	29
.642	.612	.611	.606	.632	.647	.661	.680	.690	.664	.658	8 35	.716	17 10	.604	30
29.717	29.695	29.692	29.694	29.713	29.724	29.745	29.751	29.759	29.749	29.742					Mean.
-.025	-.047	-.050	-.048	-.029	-.018	+ .003	+ .009	+ .017	+ .007						Variation.

JUNE.

29.621	29.605	29.601	29.604	29.624	29.635	29.662	29.671	29.672	29.660	29.650	9 5	29.704	17 15	29.600	1
.583	.567	.559	.572	.592	.600	.618	.617	.627	.617	.617	10 0	.669	16 45	.559	2
.692	.658	.640	.636	.642	.651	.671	.670	.676	.658	.658	10 45	.711	2 10	.599	3
.608	.587	.592	.593	.605	.620	.635	.632	.643	.631	.631	9 0	.683	15 30	.585	4
.551	.514	.503	.486	.502	.520	.552	.561	.565	.565	.558	0 0	.618	17 30	.486	5
.601	.590	.586	.596	.615	.622	.646	.666	.664	.662	.597	22 30	.670	3 45	.520	6
.682	.676	.675	.674	.688	.691	.710	.716	.735	.733	.686	22 45	.743	16 36	.673	7
.741	.730	.730	.736	.747	.753	.769	.767	.768	.760	.741	8 55	.772	3 30	.694	8
.722	.706	.701	.700	.706	.712	.722	.723	.729	.718	.736	9 12	.783	17 36	.699	9
.700	.686	.684	.685	.698	.702	.711	.709	.714	.708	.706	9 2	.741	4 0	.681	10
.715	.700	.694	.693	.710	.712	.728	.729	.736	.718	.712	9 14	.749	3 30	.675	11
.734	.718	.710	.704	.720	.717	.732	.740	.753	.748	.734	9 15	.789	3 30	.697	12
.714	.688	.680	.676	.690	.695	.714	.729	.744	.731	.723	10 0	.777	16 40	.677	13
.718	.699	.694	.689	.711	.716	.734	.740	.740	.734	.728	8 12	.785	17 15	.689	14
.696	.675	.677	.681	.693	.706	.725	.725	.734	.720	.715	8 50	.761	15 40	.675	15
.738	.722	.717	.721	.744	.764	.783	.783	.775	.774	.741	20 30	.793	3 30	.685	16
.785	.764	.759	.765	.787	.802	.820	.829	.836	.823	.789	22 0	.842	4 30	.748	17
.746	.721	.704	.700	.712	.715	.734	.741	.742	.733	.766	8 45	.825	17 15	.699	18
.656	.630	.620	.620	.641	.648	.666	.672	.684	.680	.683	0 15	.733	16 0	.619	19
.618	.583	.577	.579	.599	.615	.634	.635	.642	.632	.634	8 30	.681	16 16	.575	20
.543	.519	.514	.526	.550	.562	.579	.581	.590	.570	.581	8 55	.631	16 35	.511	21
.498	.479	.481	.491	.508	.521	.542	.544	.547	.537	.534	9 25	.575	16 42	.477	22
.433	.399	.389	.392	.410	.426	.445	.444	.442	.413	.464	0 0	.535	16 40	.387	23
.346	.325	.326	.329	.355	.369	.386	.385	.391	.378	.353	0 0	.407	5 45	.321	24
.330	.315	.319	.323	.343	.357	.386	.393	.407	.404	.351	22 0	.413	3 0	.315	25
.452	.438	.443	.445	.456	.473	.490	.502	.512	.508	.453	22 0	.516	1 30	.392	26
.504	.489	.496	.507	.518	.524	.533	.545	.560	.557	.513	22 30	.564	4 15	.486	27
.601	.601	.597	.597	.609	.616	.633	.642	.657	.656	.590	22 32	.665	3 0	.513	28
.641	.623	.620	.627	.642	.655	.672	.678	.684	.674	.649	22 0	.689	4 30	.615	29
.646	.625	.632	.629	.650	.663	.672	.678	.686	.671	.659	8 45	.694	17 17	.624	30
29.621	29.601	29.597	29.599	29.616	29.625	29.643	29.648	29.655	29.646	29.632					Mean.
-.011	-.031	-.035	-.033	-.016	-.007	+ .011	+ .016	+ .023	+ .014						Variation.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY.

(IN INCHES OF MERCURY AT 32°F.)

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29.663	29.641	29.632	29.632	29.637	29.646	29.666	29.676	29.698	29.701	29.707	29.702	29.699	29.686
2	.684	.664	.653	.634	.662	.671	.694	.701	.720	.723	.728	.719	.713	.699
3	.721	.694	.682	.677	.684	.695	.709	.727	.746	.742	.751	.742	.740	.729
4	.740	.718	.721	.720	.712	.716	.740	.750	.764	.766	.770	.758	.748	.732
5	.741	.722	.707	.698	.715	.720	.742	.753	.772	.774	.781	.771	.770	.754
6	.790	.768	.755	.739	.746	.752	.769	.786	.806	.804	.823	.822	.814	.799
7	.785	.766	.757	.746	.748	.747	.761	.772	.791	.790	.792	.786	.783	.771
8	.779	.761	.758	.753	.751	.756	.777	.778	.791	.793	.798	.789	.784	.764
9	.766	.754	.743	.730	.730	.732	.751	.758	.772	.784	.786	.774	.772	.758
10	.756	.739	.734	.723	.722	.733	.754	.770	.781	.781	.782	.772	.770	.755
11	.724	.699	.686	.680	.679	.689	.702	.710	.710	.711	.708	.700	.681	.657
12	.632	.612	.597	.589	.590	.591	.607	.616	.623	.615	.611	.602	.597	.585
13	.556	.531	.522	.520	.523	.524	.535	.552	.563	.565	.572	.569	.567	.553
14	.561	.545	.541	.535	.553	.568	.590	.604	.620	.624	.633	.629	.623	.607
15	.632	.619	.616	.609	.617	.623	.639	.651	.665	.664	.670	.660	.654	.636
16	.673	.655	.642	.630	.632	.633	.652	.656	.673	.670	.673	.668	.654	.637
17	.617	.600	.593	.571	.576	.582	.603	.613	.635	.633	.639	.628	.624	.606
18	.608	.587	.584	.575	.584	.589	.615	.623	.642	.645	.657	.647	.648	.631
19	.681	.663	.652	.643	.649	.655	.673	.681	.697	.701	.705	.698	.692	.676
20	.701	.682	.679	.667	.673	.684	.706	.714	.734	.738	.740	.730	.732	.720
21	.754	.736	.731	.722	.735	.742	.764	.781	.804	.805	.816	.814	.814	.802
22	.815	.795	.783	.768	.775	.783	.804	.813	.830	.839	.841	.830	.823	.810
23	.783	.754	.736	.723	.724	.731	.751	.763	.774	.771	.781	.769	.759	.736
24	.751	.735	.727	.715	.724	.732	.748	.769	.791	.792	.800	.786	.780	.764
25	.755	.733	.728	.719	.729	.737	.752	.765	.779	.781	.791	.779	.771	.753
26	.732	.710	.704	.695	.708	.719	.732	.741	.763	.767	.772	.764	.762	.746
27	.732	.713	.706	.696	.700	.712	.732	.737	.745	.746	.750	.747	.736	.711
28	.724	.702	.696	.694	.698	.709	.727	.731	.745	.746	.752	.743	.735	.716
29	.713	.695	.686	.674	.678	.691	.711	.720	.732	.736	.732	.727	.720	.707
30	.713	.695	.690	.684	.693	.699	.721	.736	.764	.768	.779	.771	.761	.746
31	.789	.767	.756	.751	.763	.768	.783	.796	.812	.814	.819	.808	.799	.776
Mean	29.712	29.692	29.684	29.675	29.681	29.688	29.707	29.718	29.734	29.735	29.741	29.732	29.727	29.710
Variation	+ .004	— .016	— .024	— .033	— .027	— .020	— .001	+ .010	+ .026	+ .027	+ .033	+ .024	+ .019	+ .002

AUGUST.

1	29.781	29.760	29.743	29.723	29.735	29.739	29.754	29.762	29.778	29.781	29.788	29.775	29.764	29.747
2	.767	.746	.737	.730	.737	.743	.762	.773	.787	.793	.796	.794	.782	.771
3	.778	.763	.753	.752	.744	.746	.765	.775	.793	.799	.804	.790	.778	.759
4	.741	.716	.709	.699	.703	.713	.739	.757	.768	.767	.769	.761	.757	.741
5	.726	.702	.686	.680	.681	.690	.712	.722	.726	.722	.722	.713	.702	.678
6	.626	.611	.597	.591	.597	.603	.627	.635	.655	.651	.654	.645	.633	.614
7	.604	.583	.575	.565	.564	.565	.585	.589	.608	.611	.616	.606	.595	.579
8	.611	.597	.585	.577	.590	.595	.620	.629	.658	.663	.673	.660	.653	.638
9	.658	.647	.637	.636	.649	.651	.666	.675	.687	.684	.682	.669	.660	.642
10	.641	.618	.607	.603	.606	.605	.615	.622	.642	.641	.643	.627	.621	.598
11	.600	.589	.582	.569	.571	.581	.602	.615	.641	.645	.650	.648	.649	.631
12	.641	.628	.624	.622	.633	.640	.656	.666	.686	.689	.701	.693	.696	.682
13	.693	.678	.679	.673	.684	.689	.720	.736	.764	.766	.777	.768	.760	.738
14	.750	.734	.718	.717	.725	.735	.760	.770	.781	.781	.782	.772	.758	.733
15	.731	.708	.701	.691	.693	.697	.718	.723	.739	.744	.750	.739	.736	.718
16	.740	.722	.714	.704	.716	.720	.740	.752	.773	.774	.786	.782	.778	.771
17	.770	.752	.742	.728	.740	.741	.762	.780	.802	.804	.814	.806	.794	.775
18	.785	.767	.759	.747	.752	.755	.773	.783	.803	.807	.814	.809	.796	.779
19	.774	.754	.745	.737	.743	.744	.768	.776	.794	.795	.798	.785	.768	.750
20	.726	.702	.693	.683	.692	.689	.704	.724	.740	.740	.749	.738	.728	.704
21	.703	.681	.673	.665	.663	.666	.686	.690	.714	.717	.730	.721	.711	.697
22	.729	.715	.707	.707	.706	.710	.726	.738	.756	.765	.770	.768	.764	.749
23	.758	.748	.734	.725	.726	.737	.748	.758	.779	.777	.782	.773	.767	.746
24	.744	.725	.717	.708	.723	.722	.743	.746	.761	.762	.766	.754	.747	.727
25	.706	.682	.671	.667	.673	.682	.699	.713	.730	.730	.734	.718	.708	.686
26	.706	.688	.674	.659	.674	.679	.701	.712	.730	.734	.744	.734	.734	.723
27	.734	.715	.702	.691	.706	.718	.749	.761	.772	.770	.776	.765	.759	.740
28	.741	.722	.711	.699	.714	.719	.739	.747	.757	.761	.768	.755	.748	.726
29	.692	.681	.670	.656	.665	.670	.685	.696	.718	.714	.717	.703	.689	.666
30	.672	.654	.650	.641	.650	.653	.677	.688	.709	.712	.717	.709	.694	.673
31	.695	.683	.676	.664	.672	.677	.696	.710	.733	.732	.745	.739	.722	.699
Mean	29.710	29.693	29.683	29.674	29.682	29.686	29.706	29.717	29.735	29.736	29.742	29.733	29.724	29.706
Variation	+ .004	— .013	— .023	— .032	— .024	— .020	0	+ .011	+ .029	+ .030	+ .036	+ .027	+ .018	0

BAROMETRIC PRESSURE, 1925.

19

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY.

(IN INCHES OF MERCURY AT 32° F.)

Hours.										Mean.	Maximum.		Minimum.		Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
29.680	29.668	29.668	29.666	29.678	29.684	29.698	29.697	29.704	29.691	29.676	9 15	29.715	2 30	29.631	1
.689	.674	.675	.674	.694	.702	.719	.723	.734	.728	.695	22 0	.736	3 30	.642	2
.724	.709	.706	.706	.724	.739	.758	.763	.765	.748	.724	22 0	.768	3 45	.674	3
.726	.720	.714	.709	.724	.726	.742	.745	.755	.747	.736	9 40	.772	17 10	.704	4
.748	.739	.751	.748	.763	.776	.795	.801	.811	.803	.756	22 0	.811	3 15	.695	5
.784	.764	.763	.759	.768	.773	.781	.782	.787	.781	.780	11 0	.824	3 45	.732	6
.761	.748	.746	.748	.766	.772	.787	.786	.799	.783	.770	22 0	.800	3 30	.742	7
.767	.745	.744	.743	.762	.767	.778	.779	.785	.770	.770	10 30	.799	16 45	.739	8
.746	.733	.738	.737	.751	.755	.770	.771	.774	.762	.756	9 30	.787	3 45	.725	9
.748	.727	.731	.733	.739	.739	.747	.745	.745	.733	.748	9 0	.783	4 30	.715	10
.637	.619	.611	.614	.631	.640	.656	.656	.661	.652	.671	0 0	.725	16 25	.609	11
.570	.553	.543	.542	.551	.555	.564	.573	.583	.571	.586	0 0	.637	17 6	.537	12
.548	.530	.523	.525	.547	.549	.563	.567	.580	.566	.548	22 0	.581	3 30	.513	13
.595	.582	.585	.585	.603	.613	.633	.639	.643	.639	.598	22 0	.645	3 30	.531	14
.619	.605	.605	.609	.632	.644	.664	.679	.695	.684	.641	22 30	.697	15 30	.595	15
.620	.601	.595	.591	.606	.613	.630	.634	.640	.624	.638	9 10	.678	17 30	.590	16
.587	.567	.563	.560	.581	.585	.607	.613	.622	.617	.601	9 15	.641	16 30	.551	17
.625	.612	.614	.624	.646	.662	.676	.684	.698	.687	.632	22 15	.699	3 30	.573	18
.669	.654	.648	.651	.673	.685	.704	.704	.718	.712	.679	22 0	.718	3 15	.638	19
.713	.698	.700	.701	.720	.729	.742	.752	.762	.753	.715	22 0	.762	3 30	.662	20
.794	.778	.774	.774	.792	.802	.820	.824	.830	.820	.785	22 0	.832	3 0	.720	21
.799	.778	.771	.765	.782	.791	.807	.810	.812	.799	.801	9 30	.843	17 0	.763	22
.719	.709	.709	.704	.724	.734	.752	.755	.759	.751	.745	0 30	.784	17 30	.700	23
.756	.742	.736	.736	.748	.753	.772	.782	.788	.770	.758	10 0	.802	3 30	.714	24
.748	.738	.737	.733	.740	.744	.758	.762	.764	.748	.752	10 0	.791	3 30	.717	25
.742	.731	.725	.726	.742	.751	.756	.755	.756	.749	.739	9 20	.774	3 30	.692	26
.694	.683	.676	.683	.701	.713	.727	.726	.738	.732	.718	9 0	.753	16 22	.673	27
.697	.681	.681	.682	.699	.707	.725	.730	.735	.725	.716	9 0	.755	16 20	.679	28
.689	.669	.667	.673	.686	.701	.721	.728	.732	.728	.705	9 0	.743	16 30	.663	29
.737	.726	.729	.730	.752	.765	.782	.787	.795	.793	.742	22 0	.797	3 30	.683	30
.761	.743	.732	.730	.745	.770	.785	.791	.804	.793	.777	8 30	.822	17 15	.728	31
29.700	29.685	29.683	29.683	29.699	29.708	29.723	29.727	29.735	29.724	29.708					Mean.
-.008	-.023	-.025	-.025	-.009	0	+.015	+.019	+.027	+.016						Variation.

AUGUST.

29.737	29.715	29.713	29.716	29.725	29.747	29.771	29.778	29.789	29.783	29.754	9 45	29.793	17 0	29.705	1
.759	.738	.734	.737	.747	.755	.777	.789	.793	.785	.764	9 20	.797	3 0	.727	2
.742	.730	.723	.712	.730	.744	.759	.767	.769	.757	.760	9 10	.806	17 0	.710	3
.726	.710	.703	.698	.712	.727	.739	.743	.752	.738	.733	8 50	.774	17 15	.694	4
.661	.639	.624	.618	.608	.632	.646	.647	.652	.636	.676	0 0	.729	17 5	.613	5
.596	.573	.568	.573	.591	.605	.618	.626	.627	.615	.614	8 20	.656	16 30	.562	6
.579	.567	.567	.576	.591	.605	.622	.629	.629	.619	.593	21 10	.631	4 40	.559	7
.633	.615	.610	.619	.644	.664	.673	.678	.687	.673	.635	22 0	.688	3 0	.573	8
.639	.618	.614	.612	.632	.642	.653	.660	.668	.652	.651	8 31	.689	17 0	.607	9
.580	.559	.556	.561	.578	.584	.607	.610	.615	.604	.606	10 0	.644	16 9	.546	10
.620	.610	.609	.610	.627	.636	.661	.668	.666	.652	.622	21 0	.669	3 0	.567	11
.669	.661	.661	.661	.674	.680	.699	.710	.720	.706	.671	22 0	.721	3 0	.621	12
.724	.714	.714	.710	.738	.754	.769	.768	.770	.758	.731	9 32	.782	3 30	.671	13
.716	.700	.707	.704	.717	.734	.754	.758	.754	.744	.742	9 7	.783	15 30	.695	14
.703	.689	.704	.705	.719	.733	.748	.751	.759	.746	.723	22 0	.762	15 0	.688	15
.752	.740	.742	.743	.748	.758	.781	.785	.791	.772	.754	22 0	.793	3 0	.703	16
.760	.740	.739	.737	.760	.770	.793	.794	.800	.793	.771	10 0	.817	3 0	.725	17
.765	.751	.753	.755	.765	.771	.791	.792	.793	.784	.777	10 0	.816	3 18	.742	18
.736	.724	.719	.716	.728	.733	.747	.750	.752	.736	.753	10 0	.805	16 55	.715	19
.684	.667	.665	.670	.689	.697	.709	.714	.723	.713	.706	10 0	.751	16 28	.663	20
.697	.687	.691	.694	.710	.717	.728	.733	.743	.740	.702	22 0	.744	4 30	.660	21
.740	.727	.728	.730	.742	.745	.762	.767	.777	.766	.741	22 0	.777	4 20	.701	22
.736	.720	.716	.713	.728	.735	.752	.754	.762	.752	.747	9 0	.787	17 30	.711	23
.714	.694	.689	.691	.718	.723	.737	.740	.738	.720	.730	9 25	.775	16 21	.687	24
.673	.662	.667	.669	.699	.703	.731	.733	.738	.718	.700	22 0	.743	15 35	.661	25
.708	.694	.692	.692	.719	.734	.755	.759	.760	.747	.715	22 0	.767	3 15	.657	26
.735	.719	.718	.717	.731	.737	.751	.751	.756	.742	.738	8 14	.779	3 20	.689	27
.705	.682	.683	.687	.700	.703	.724	.727	.726	.704	.723	10 0	.774	15 30	.680	28
.651	.639	.642	.647	.666	.671	.692	.692	.702	.682	.679	8 50	.725	15 15	.639	29
.661	.644	.642	.645	.670	.679	.701	.707	.710	.695	.677	9 0	.718	3 30	.640	30
.680	.659	.663	.674	.700	.704	.728	.736	.742	.726	.702	10 0	.747	15 30	.657	31
29.693	29.677	29.676	29.677	29.694	29.704	29.722	29.726	29.731	29.718	29.706					Mean.
-.013	-.029	-.030	-.029	-.012	-.002	+.016	+.020	+.025	+.012						Variation.

BAROMETRIC PRESSURE, 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER.

(IN INCHES OF MERCURY AT 32° F.)

Date.	Hours.													
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14
1	29.721	29.704	29.696	29.694	29.707	29.714	29.733	29.749	29.764	29.758	29.762	29.752	29.740	29.717
2	.738	.726	.722	.712	.717	.719	.736	.751	.772	.776	.787	.777	.760	.734
3	.769	.752	.740	.728	.737	.744	.765	.784	.813	.812	.817	.807	.801	.774
4	.760	.746	.739	.722	.731	.732	.760	.771	.796	.797	.806	.793	.780	.753
5	.775	.759	.741	.736	.748	.761	.784	.801	.816	.820	.824	.812	.794	.762
6	.787	.769	.764	.750	.754	.754	.776	.785	.807	.805	.809	.803	.792	.768
7	.769	.751	.738	.735	.743	.748	.766	.779	.797	.798	.806	.799	.792	.773
8	.771	.758	.750	.741	.758	.760	.774	.788	.800	.802	.814	.803	.790	.772
9	.797	.779	.771	.766	.767	.768	.785	.803	.821	.826	.830	.815	.801	.779
10	.825	.807	.803	.794	.815	.830	.859	.869	.884	.891	.895	.877	.859	.833
11	.833	.816	.807	.795	.799	.803	.821	.838	.858	.860	.861	.841	.823	.801
12	.806	.784	.774	.768	.777	.777	.800	.818	.851	.854	.854	.834	.816	.792
13	.807	.793	.783	.782	.797	.799	.818	.839	.855	.851	.849	.835	.818	.802
14	.823	.805	.799	.795	.802	.803	.829	.845	.857	.856	.859	.847	.839	.819
15	.817	.794	.785	.780	.789	.796	.820	.834	.846	.846	.846	.834	.814	.796
16	.835	.819	.815	.812	.822	.831	.851	.870	.899	.901	.902	.888	.871	.846
17	.870	.854	.845	.835	.849	.855	.879	.893	.915	.916	.917	.901	.883	.857
18	.848	.834	.830	.818	.830	.835	.860	.869	.886	.887	.894	.882	.864	.838
19	.874	.858	.852	.846	.858	.864	.890	.904	.920	.918	.924	.908	.886	.864
20	.871	.863	.861	.851	.852	.859	.883	.895	.917	.915	.922	.903	.877	.837
21	.879	.864	.852	.842	.850	.856	.878	.894	.914	.921	.922	.907	.884	.869
22	.892	.870	.864	.852	.857	.861	.879	.895	.914	.915	.925	.902	.883	.852
23	.878	.857	.855	.851	.859	.868	.886	.902	.919	.920	.921	.908	.890	.868
24	.876	.860	.860	.853	.873	.882	.908	.923	.938	.934	.928	.900	.875	.844
25	.874	.860	.858	.858	.878	.893	.921	.942	.962	.966	.966	.930	.900	.877
26	.883	.869	.863	.861	.877	.889	.909	.928	.941	.931	.924	.895	.859	.822
27	.822	.812	.809	.802	.820	.830	.851	.860	.874	.870	.859	.827	.804	.782
28	.789	.770	.764	.760	.772	.784	.810	.821	.840	.841	.828	.807	.782	.753
29	.794	.780	.782	.781	.799	.816	.845	.859	.880	.878	.880	.857	.832	.801
30	.861	.848	.834	.830	.845	.854	.880	.895	.909	.902	.898	.872	.856	.827
Mean .	29.821	29.805	29.799	29.792	29.803	29.809	29.832	29.847	29.865	29.866	29.868	29.851	29.832	29.807
Variation.	-.001	-.017	-.023	-.030	-.019	-.013	+.010	+.025	+.043	+.044	+.046	+.029	+.010	-.015

OCTOBER.

1	29.863	29.855	29.848	29.845	29.853	29.860	29.880	29.891	29.902	29.899	29.896	29.876	29.851	29.809
2	.838	.833	.833	.823	.828	.836	.854	.872	.888	.886	.881	.856	.830	.802
3	.834	.826	.819	.817	.829	.842	.867	.883	.897	.899	.903	.885	.868	.841
4	.862	.852	.850	.844	.862	.869	.897	.910	.929	.927	.921	.899	.876	.844
5	.827	.812	.808	.798	.816	.824	.844	.852	.861	.861	.863	.836	.804	.776
6	.800	.784	.782	.774	.779	.782	.809	.821	.842	.844	.847	.823	.795	.763
7	.774	.758	.747	.746	.748	.759	.781	.795	.818	.816	.801	.766	.740	.706
8	.712	.692	.690	.690	.696	.716	.747	.763	.781	.779	.779	.748	.720	.683
9	.721	.706	.710	.712	.714	.719	.743	.761	.780	.782	.778	.750	.723	.686
10	.726	.693	.685	.684	.702	.720	.748	.762	.779	.779	.774	.749	.722	.685
11	.719	.695	.685	.685	.701	.712	.740	.760	.783	.787	.787	.755	.722	.682
12	.740	.719	.714	.701	.712	.724	.749	.776	.795	.799	.805	.783	.756	.721
13	.767	.751	.748	.745	.749	.758	.790	.797	.819	.817	.802	.775	.756	.724
14	.802	.791	.797	.791	.808	.809	.830	.840	.860	.861	.865	.839	.811	.781
15	.815	.796	.793	.777	.791	.796	.825	.844	.860	.862	.861	.841	.829	.799
16	.777	.767	.766	.760	.766	.773	.791	.805	.823	.826	.824	.799	.772	.747
17	.751	.734	.725	.723	.734	.740	.765	.782	.806	.808	.808	.789	.766	.743
18	.783	.774	.772	.772	.786	.782	.832	.854	.881	.887	.897	.888	.877	.861
19	.901	.883	.881	.885	.897	.913	.944	.961	.976	.978	.973	.951	.932	.903
20	.924	.909	.909	.906	.926	.935	.964	.974	.985	.982	.976	.946	.918	.885
21	.907	.896	.891	.886	.898	.906	.931	.947	.959	.957	.951	.920	.896	.868
22	.903	.880	.878	.881	.900	.917	.945	.962	.985	.987	.986	.959	.939	.913
23	.944	.931	.931	.930	.941	.957	.988	30.003	30.031	30.035	30.026	.994	.966	.936
24	.953	.935	.935	.938	.957	.966	30.001	.021	.039	.041	.038	30.009	.980	.938
25	.979	.964	.958	.950	.959	.971	29.995	.005	.020	.019	.008	29.974	.943	.918
26	.928	.925	.928	.927	.940	.948	.971	29.988	.008	.006	29.999	.968	.942	.918
27	.933	.916	.915	.909	.927	.945	.972	.978	29.991	29.991	.993	.969	.952	.924
28	.918	.897	.893	.892	.901	.914	.941	.950	.968	.968	.956	.923	.901	.867
29	.894	.876	.869	.860	.873	.887	.919	.941	.968	.976	.967	.945	.927	.896
30	.931	.918	.912	.903	.919	.931	.954	.969	.996	.995	30.000	.975	.950	.925
31	.950	.936	.934	.935	.941	.952	.976	.991	30.004	30.005	.003	.975	.953	.925
Mean .	29.844	29.829	29.826	29.822	29.834	29.844	29.871	29.886	29.904	29.905	29.902	29.876	29.852	29.822
Variation.	-.003	-.018	-.021	-.025	-.013	-.003	+.024	+.039	+.057	+.058	+.055	+.029	+.005	-.025

BAROMETRIC PRESSURE, 1925.

21

(Averages for periods of sixty minutes: from full hour to full hour of local mean time.)

SEPTEMBER.

(IN INCHES OF MERCURY AT 32° F.)

Hours.										Mean.	Maximum.		Minimum.		Date
14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.	
											H.	M.	H.	M.	
29.702	29.685	29.684	29.689	29.709	29.721	29.749	29.750	29.761	29.744	29.725	8 30		29.767	16 30	29.677
.728	.715	.717	.721	.738	.753	.780	.782	.783	.771	.746	10 10		.789	3 30	.711
.755	.736	.732	.729	.750	.760	.769	.769	.774	.765	.765	10 4		.821	3 15	.727
.744	.728	.731	.736	.753	.773	.794	.799	.802	.783	.764	10 0		.809	3 30	.721
.750	.735	.731	.732	.753	.764	.791	.796	.803	.794	.774	9 15		.829	17 0	.729
.753	.735	.735	.741	.759	.764	.786	.787	.793	.777	.773	9 11		.812	15 30	.734
.763	.759	.759	.749	.768	.769	.787	.790	.793	.777	.771	10 32		.810	3 0	.734
.768	.758	.760	.768	.784	.783	.798	.803	.814	.806	.780	10 5		.817	3 20	.741
.766	.756	.772	.778	.795	.803	.827	.832	.841	.838	.797	22 45		.845	16 20	.755
.821	.809	.807	.810	.830	.834	.856	.854	.851	.836	.840	10 0		.902	3 6	.794
.783	.773	.771	.777	.792	.798	.822	.826	.832	.821	.815	9 30		.870	16 44	.770
.782	.764	.768	.776	.792	.801	.826	.834	.840	.821	.805	9 35		.859	15 30	.761
.797	.787	.791	.801	.823	.829	.847	.846	.849	.831	.818	8 45		.858	3 0	.780
.808	.794	.804	.809	.829	.833	.849	.849	.846	.829	.826	8 50		.862	15 44	.792
.778	.763	.774	.776	.798	.809	.834	.842	.850	.840	.811	22 0		.851	15 56	.763
.830	.815	.819	.822	.843	.852	.874	.883	.889	.877	.853	9 15		.908	3 30	.808
.829	.801	.795	.800	.821	.829	.852	.855	.861	.849	.857	9 16		.920	16 15	.792
.817	.802	.812	.822	.844	.855	.871	.880	.890	.884	.852	10 1		.895	15 15	.797
.848	.820	.824	.825	.846	.853	.872	.874	.877	.869	.870	10 15		.929	16 25	.819
.821	.807	.819	.819	.839	.855	.875	.880	.886	.885	.866	10 0		.924	15 15	.806
.842	.825	.830	.836	.871	.882	.905	.910	.914	.898	.877	10 14		.925	15 30	.823
.839	.824	.827	.836	.856	.870	.889	.893	.899	.891	.874	10 10		.926	15 45	.820
.836	.816	.822	.834	.863	.880	.898	.894	.898	.885	.875	9 1		.923	15 46	.813
.821	.806	.814	.821	.844	.872	.891	.896	.892	.879	.875	8 31		.939	15 35	.805
.852	.830	.833	.844	.880	.895	.905	.905	.907	.893	.893	9 29		.973	15 46	.829
.797	.770	.781	.789	.813	.837	.859	.855	.859	.841	.861	8 23		.942	15 31	.764
.752	.738	.744	.753	.789	.812	.822	.816	.806	.793	.810	8 30		.877	15 40	.735
.729	.708	.723	.738	.770	.786	.806	.821	.836	.816	.786	8 40		.843	15 47	.707
.774	.766	.809	.838	.830	.852	.882	.887	.890	.869	.833	22 0		.891	15 22	.761
.810	.796	.812	.834	.850	.864	.889	.891	.888	.874	.859	8 30		.913	15 30	.787
29.790	29.774	29.780	29.787	29.808	29.819	29.840	29.843	29.847	29.835	29.822					Mean.
-.032	-.048	-.042	-.035	-.014	-.003	+ .018	+ .021	+ .025	+ .013						Variation.

OCTOBER.

29.792	29.762	29.763	29.766	29.795	29.819	29.864	29.868	29.859	29.844	29.844	8 45		29.904	15 35	29.753
.784	.768	.775	.792	.820	.836	.848	.851	.846	.840	.834	8 40		.889	15 42	.767
.821	.801	.808	.817	.842	.852	.873	.874	.878	.865	.852	10 0		.904	15 43	.800
.821	.800	.802	.814	.833	.840	.847	.846	.846	.835	.859	8 15		.931	15 37	.791
.750	.719	.734	.743	.777	.788	.804	.804	.809	.803	.805	10 0		.865	15 42	.717
.741	.726	.732	.737	.752	.769	.793	.797	.798	.787	.787	8 35		.849	15 40	.725
.680	.666	.676	.666	.692	.718	.749	.751	.748	.728	.743	8 15		.821	15 45	.665
.661	.648	.671	.698	.711	.719	.739	.747	.748	.733	.720	8 15		.782	15 45	.642
.660	.642	.665	.690	.714	.723	.745	.743	.739	.734	.723	9 5		.788	15 15	.640
.663	.659	.680	.698	.720	.733	.750	.749	.752	.732	.723	9 0		.782	15 42	.652
.661	.657	.669	.683	.708	.728	.745	.743	.745	.741	.721	9 0		.797	15 17	.647
.696	.670	.669	.678	.708	.732	.753	.764	.771	.768	.738	9 11		.805	16 20	.667
.709	.702	.711	.729	.768	.781	.803	.807	.818	.806	.768	8 26		.821	15 50	.701
.767	.753	.772	.786	.810	.817	.828	.829	.833	.819	.812	10 0		.867	15 30	.751
.776	.760	.763	.766	.780	.789	.800	.796	.796	.784	.804	9 30		.871	15 50	.757
.728	.710	.716	.721	.741	.755	.772	.774	.775	.766	.769	9 5		.827	15 50	.709
.723	.708	.721	.730	.753	.771	.794	.797	.803	.791	.761	9 0		.811	15 46	.705
.855	.852	.862	.870	.890	.901	.917	.915	.923	.914	.856	22 0		.924	2 30	.768
.884	.868	.876	.880	.901	.911	.932	.929	.932	.924	.917	8 35		.979	15 35	.867
.866	.848	.852	.859	.883	.899	.918	.924	.924	.914	.918	8 15		.986	15 52	.846
.847	.834	.843	.855	.879	.900	.923	.925	.920	.912	.902	8 7		.960	15 35	.832
.900	.890	.927	.932	.926	.954	.971	.967	.971	.956	.935	9 0		.990	2 0	.868
.908	.888	.891	.897	.929	.942	.967	.965	.973	.959	.955	9 1		30.037	15 45	.885
.908	.901	.907	.911	.939	.963	.981	.984	.989	.984	.967	9 25		.045	15 45	.899
.896	.883	.889	.897	.918	.927	.944	.943	.942	.935	.952	9 0		.021	16 0	.883
.893	.875	.878	.886	.910	.921	.945	.946	.946	.936	.939	9 0		.012	15 45	.872
.898	.880	.888	.895	.916	.933	.953	.947	.948	.933	.938	10 0		29.998	15 51	.878
.846	.832	.838	.850	.880	.897	.917	.912	.912	.898	.903	8 31		.970	15 52	.830
.878	.862	.869	.869	.894	.910	.934	.930	.940	.937	.909	9 1		.977	3 15	.859
.909	.890	.896	.903	.927	.945	.961	.968	.971	.959	.942	10 0		30.005	15 45	.887
.901	.883	.895	.903	.928	.945	.966	.961	.961	.945	.949	9 1		.008	15 56	.882
29.801	29.785	29.795	29.804	29.827	29.843	29.862	29.863	29.865	29.854	29.847					Mean.
-.046	-.062	-.052	-.043	-.020	-.004	+ .015	+ .016	+ .018	+ .007						Variation.

BAROMETRIC PRESSURE, 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER.

(IN INCHES OF MERCURY AT 32° F.)

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	29.930	29.910	29.905	29.902	29.910	29.927	29.958	29.966	29.997	29.996	29.986	29.956	29.934	29.902
2	.908	.892	.894	.892	.897	.908	.936	.949	.968	.968	.970	.944	.912	.882
3	.893	.872	.868	.869	.889	.905	.933	.947	.975	.981	.975	.948	.922	.895
4	.907	.893	.891	.889	.891	.905	.937	.947	.963	.963	.960	.929	.909	.891
5	.891	.874	.872	.864	.880	.898	.937	.942	.962	.968	.961	.932	.912	.888
6	.936	.922	.919	.918	.932	.947	.967	.982	30.002	30.002	.989	.959	.931	.903
7	.942	.923	.922	.921	.931	.940	.962	.970	29.991	29.992	.983	.958	.933	.899
8	.931	.913	.909	.902	.912	.924	.945	.948	.967	.969	.936	.921	.891	.861
9	.875	.854	.844	.839	.860	.876	.892	.900	.931	.931	.924	.898	.891	.854
10	.870	.853	.850	.854	.856	.866	.895	.912	.932	.932	.920	.884	.852	.828
11	.847	.828	.820	.822	.832	.837	.862	.880	.902	.907	.897	.864	.838	.806
12	.847	.830	.830	.827	.834	.844	.870	.891	.913	.910	.901	.869	.841	.816
13	.835	.819	.813	.812	.819	.831	.861	.879	.897	.898	.893	.867	.841	.813
14	.882	.857	.856	.858	.871	.893	.928	.952	.980	.992	.994	.976	.962	.942
15	.951	.934	.927	.925	.929	.942	.965	.980	.996	.998	.997	.971	.942	.911
16	.957	.932	.921	.912	.917	.926	.951	.961	.988	.987	.978	.949	.919	.886
17	.903	.880	.877	.865	.876	.882	.907	.917	.940	.940	.932	.896	.866	.827
18	.898	.885	.869	.860	.870	.880	.903	.917	.938	.941	.936	.909	.883	.848
19	.918	.900	.891	.879	.890	.905	.935	.960	.980	.981	.974	.945	.917	.883
20	.944	.919	.912	.899	.913	.924	.950	.964	.985	.980	.967	.936	.909	.874
21	.894	.876	.866	.856	.871	.886	.906	.913	.932	.932	.934	.908	.878	.846
22	.882	.865	.860	.864	.880	.894	.926	.952	.977	.978	.966	.933	.905	.876
23	.908	.887	.879	.862	.880	.897	.928	.941	.965	.958	.948	.919	.893	.863
24	.922	.906	.897	.894	.904	.916	.942	.960	.984	.982	.971	.938	.909	.877
25	.880	.861	.857	.848	.863	.872	.902	.920	.950	.952	.947	.924	.900	.870
26	.912	.895	.892	.892	.897	.905	.925	.943	.965	.970	.971	.945	.917	.892
27	.947	.936	.937	.938	.958	.977	30.015	30.039	30.063	30.064	30.051	30.011	.965	.923
28	.936	.927	.925	.922	.926	.940	29.965	29.990	.018	.020	.004	29.969	.937	.898
29	.888	.874	.864	.854	.864	.877	.905	.924	29.939	29.937	29.924	.891	.860	.832
30	.851	.835	.834	.818	.829	.840	.869	.896	.923	.921	.911	.884	.856	.829
Mean	29.903	29.885	29.880	29.875	29.886	29.899	29.926	29.941	29.964	29.965	29.957	29.928	29.901	29.871
Variation.	+ .002	— .016	— .021	— .026	— .015	— .002	+ .025	+ .040	+ .063	+ .064	+ .056	+ .027	0	— .030

DECEMBER.

1	29.871	29.865	29.861	29.856	29.869	29.878	29.904	29.926	29.960	29.960	29.954	29.932	29.906	29.876
2	.945	.931	.919	.913	.924	.943	.973	.995	30.017	30.018	30.004	.981	.961	.933
3	.969	.950	.940	.922	.920	.926	.947	.956	29.981	29.982	29.980	.955	.931	.900
4	.902	.881	.876	.871	.870	.878	.904	.924	.949	.948	.946	.924	.883	.852
5	.886	.869	.860	.848	.863	.881	.904	.925	.945	.946	.946	.927	.904	.876
6	.919	.906	.900	.888	.905	.914	.943	.964	.986	.986	.981	.957	.935	.908
7	.935	.924	.921	.912	.920	.925	.949	.968	.989	.987	.980	.953	.934	.910
8	.963	.945	.937	.922	.933	.935	.955	.971	.989	.989	.984	.952	.922	.893
9	.911	.891	.873	.861	.863	.875	.898	.916	.947	.946	.942	.915	.893	.864
10	.897	.884	.874	.863	.873	.889	.921	.940	.969	.974	.975	.953	.924	.894
11	.953	.944	.944	.948	.959	.967	.994	30.018	30.041	30.037	30.040	30.015	.986	.951
12	30.021	30.014	30.009	.997	.999	30.008	30.039	.065	.089	.091	.094	.066	30.029	.994
13	.034	.012	.001	.986	.994	.007	.034	.053	.078	.080	.073	.032	29.996	.965
14	.004	29.989	29.983	.970	.980	29.992	.019	.037	.059	.061	.058	.031	30.005	.973
15	29.992	.975	.964	.952	.953	.964	29.979	29.992	.021	.020	.013	29.980	29.945	.912
16	.931	.918	.910	.906	.917	.929	.950	.968	29.989	29.994	29.996	.970	.942	.916
17	.967	.953	.949	.945	.953	.959	.989	30.001	30.028	30.029	30.029	30.002	.972	.945
18	.957	.943	.937	.917	.920	.928	.948	29.961	29.986	29.990	29.986	29.961	.936	.912
19	.964	.950	.940	.925	.943	.952	.977	.996	30.025	30.029	30.030	30.007	.984	.952
20	.989	.975	.967	.956	.969	.978	.997	30.008	.033	.034	.035	.006	.983	.954
21	.969	.962	.956	.945	.955	.965	.985	.003	.029	.032	.034	.011	.981	.939
22	.989	.971	.962	.952	.968	.982	30.007	.029	.053	.053	.048	.020	.990	.952
23	30.012	.994	.991	.978	.979	.990	.014	.040	.070	.069	.065	.035	30.001	.961
24	29.997	.981	.970	.959	.978	.981	.003	.031	.048	.042	.031	29.994	29.956	.920
25	.955	.935	.921	.903	.908	.924	29.955	29.982	.009	.009	.006	.981	.955	.921
26	.942	.928	.925	.911	.914	.925	.954	.977	.008	.012	.011	.984	.952	.925
27	.939	.920	.911	.894	.902	.902	.930	.946	29.976	29.980	29.979	.954	.926	.886
28	.913	.898	.894	.887	.897	.903	.929	.940	.968	.968	.962	.932	.901	.874
29	.912	.898	.892	.885	.881	.889	.917	.945	.984	.985	.989	.964	.936	.905
30	.948	.930	.927	.915	.925	.937	.962	.983	30.013	30.018	30.016	.989	.964	.940
31	.954	.938	.934	.928	.936	.937	.960	.974	.004	.003	29.998	.976	.950	.927
Mean	29.953	29.938	29.931	29.920	29.928	29.937	29.963	29.982	30.005	30.009	30.006	29.979	29.951	29.924
Variation.	+ .003	— .012	— .019	— .030	— .022	— .013	+ .013	+ .032	+ .055	+ .059	+ .056	+ .029	+ .001	— .026

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER.

(IN INCHES OF MERCURY AT 32° F.)

Hours.										Mean.	Maximum.		Minimum.		Date.
14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
29.888	29.872	29.872	29.876	29.892	29.905	29.922	29.926	29.935	29.923	29.925	H. M.		H. M.		
.865	.854	.862	.868	.888	.902	.920	.918	.919	.904	.909	9 0	29.997	15 45	29.867	1
.880	.868	.875	.881	.896	.911	.931	.926	.921	.907	.911	9 30	.977	15 59	.853	2
.865	.851	.859	.861	.882	.893	.913	.903	.909	.899	.905	9 22	.988	2 30	.862	3
.877	.862	.878	.894	.918	.934	.946	.946	.951	.942	.914	9 0	.966	15 25	.850	4
.883	.873	.879	.889	.913	.925	.949	.953	.961	.951	.937	9 10	.973	15 40	.861	5
.881	.867	.869	.881	.903	.918	.941	.943	.950	.938	.932	8 40	30.006	16 0	.872	6
.844	.829	.831	.833	.858	.867	.889	.893	.895	.883	.899	9 0	29.996	16 10	.866	7
.837	.818	.823	.840	.865	.880	.902	.901	.900	.888	.876	9 9	.974	16 0	.828	8
.809	.800	.820	.824	.846	.858	.876	.874	.874	.860	.864	9 5	.933	15 50	.817	9
.788	.781	.796	.810	.834	.851	.870	.871	.870	.854	.844	9 10	.935	15 56	.799	10
.798	.783	.784	.795	.818	.836	.852	.855	.859	.846	.844	9 17	.911	15 55	.781	11
.800	.785	.794	.813	.841	.848	.873	.875	.881	.879	.844	9 0	.917	16 12	.779	12
.922	.902	.896	.894	.911	.925	.953	.958	.960	.952	.926	9 15	.900	15 45	.784	13
.891	.877	.888	.899	.924	.944	.966	.970	.972	.966	.944	9 47	.999	2 0	.851	14
.857	.836	.840	.847	.872	.887	.912	.914	.920	.910	.916	9 20	30.002	15 45	.874	15
.816	.809	.820	.847	.873	.892	.910	.914	.917	.906	.884	9 0	29.995	16 15	.834	16
.829	.818	.840	.863	.902	.910	.935	.939	.943	.925	.893	9 5	.944	15 28	.808	17
.862	.849	.860	.875	.904	.931	.961	.969	.976	.957	.921	22 0	.944	16 0	.818	18
.846	.829	.830	.838	.862	.881	.902	.912	.913	.900	.908	9 19	.988	15 45	.848	19
.827	.809	.815	.833	.858	.874	.895	.895	.899	.889	.879	8 40	.989	16 12	.821	20
.858	.846	.855	.859	.887	.899	.919	.923	.927	.912	.902	10 15	.937	15 30	.805	21
.854	.844	.853	.863	.886	.903	.919	.922	.930	.928	.901	9 5	.982	15 50	.844	22
.851	.834	.833	.845	.867	.876	.895	.894	.903	.889	.904	9 0	.969	15 45	.843	23
.860	.848	.866	.885	.914	.931	.944	.944	.937	.923	.900	8 46	.988	16 42	.832	24
.865	.848	.871	.890	.916	.930	.946	.946	.951	.944	.918	9 10	.957	15 26	.847	25
.901	.883	.884	.889	.917	.936	.947	.953	.957	.944	.860	10 4	.972	15 21	.846	26
.874	.856	.862	.867	.887	.897	.908	.908	.910	.896	.927	9 11	30.066	16 0	.878	27
.814	.796	.803	.810	.839	.855	.879	.883	.880	.859	.869	9 0	.027	15 45	.863	28
.814	.808	.831	.837	.864	.872	.891	.893	.893	.880	.862	8 35	29.941	15 45	.795	29
											8 59	.925	15 30	.807	30
29.852	29.838	29.846	29.857	29.881	29.896	29.916	29.917	29.920	29.908	29.901					Mean.
—049	—068	—055	—044	—020	—005	+015	+016	+019	+007						Variation.

DECEMBER.

29.865	29.863	29.882	29.901	29.932	29.950	29.962	29.957	29.966	29.956	29.911	22 0	29.967	3 10	29.853	1
.915	.909	.920	.936	.962	.979	.999	30.001	.996	.980	.961	9 15	30.024	15 35	.906	2
.882	.865	.877	.885	.909	.917	.932	29.932	.930	.912	.929	9 5	29.987	15 30	.865	3
.840	.827	.840	.850	.875	.879	.894	.896	.902	.889	.888	8 30	.951	15 32	.825	4
.863	.854	.868	.885	.912	.923	.938	.938	.943	.927	.901	9 4	.948	3 20	.842	5
.892	.877	.887	.899	.922	.927	.941	.942	.951	.938	.928	9 0	.992	15 45	.876	6
.894	.882	.897	.915	.944	.965	.982	.983	.984	.970	.943	8 31	.990	15 55	.890	7
.874	.862	.866	.877	.899	.912	.936	.937	.933	.911	.929	8 32	.992	16 10	.858	8
.850	.836	.852	.864	.890	.906	.922	.926	.931	.908	.895	8 46	.949	15 50	.835	9
.880	.866	.882	.899	.924	.944	.967	.969	.971	.955	.920	9 10	.978	3 30	.862	10
.931	.916	.923	.939	.973	.996	30.020	30.020	30.027	30.023	.982	8 11	30.042	15 25	.914	11
.970	.956	.964	.976	30.000	30.012	.034	.041	.046	.034	30.023	9 0	.095	15 45	.953	12
.949	.936	.942	.952	29.982	29.998	.020	.023	.023	.011	.008	9 5	.083	15 50	.935	13
.948	.929	.933	.940	.966	.978	.000	.002	.008	29.995	29.994	9 5	.065	15 36	.925	14
.896	.882	.882	.893	.917	.931	29.950	29.950	29.952	.940	.952	8 30	.023	15 45	.877	15
.901	.890	.905	.918	.940	.948	.971	.975	.981	.972	.943	9 15	.001	15 12	.889	16
.937	.923	.930	.937	.949	.966	.980	.978	.981	.964	.969	9 6	.030	15 59	.922	17
.891	.880	.891	.902	.930	.948	.965	.963	.971	.959	.941	9 25	29.996	15 5	.878	18
.939	.925	.931	.941	.958	.977	.998	.999	30.005	.993	.973	9 30	30.035	3 0	.921	19
.940	.923	.935	.940	.960	.969	.984	.981	29.983	.971	.978	9 0	.041	15 25	.921	20
.927	.911	.918	.930	.957	.978	.999	30.005	30.013	30.003	.975	10 0	.038	15 25	.908	21
.938	.926	.939	.951	.976	.993	30.021	.025	.030	.017	.991	8 45	.055	15 30	.925	22
.944	.930	.938	.949	.976	.995	.020	.026	.027	.009	30.001	9 0	.071	15 30	.929	23
.903	.890	.890	.895	.926	.945	29.974	29.978	29.982	29.966	29.968	8 30	.053	15 45	.883	24
.905	.889	.892	.901	.923	.936	.958	.958	.963	.948	.943	8 44	.012	15 54	.886	25
.912	.899	.901	.899	.918	.930	.952	.950	.959	.944	.943	9 5	.017	15 45	.895	26
.871	.853	.860	.874	.890	.908	.924	.927	.930	.916	.917	9 0	29.981	15 50	.853	27
.860	.849	.857	.863	.884	.898	.920	.924	.928	.913	.907	9 0	.969	15 31	.847	28
.895	.879	.898	.905	.933	.948	.970	.969	.971	.951	.929	9 50	.990	15 35	.878	29
.928	.915	.926	.930	.948	.962	.982	.980	.980	.962	.957	9 45	30.025	15 45	.913	30
.918	.908	.909	.922	.953	.963	.981	.985	.988	.973	.955	8 35	.007	15 15	.903	31
29.905	29.892	29.901	29.912	29.936	29.951	29.971	29.972	29.976	29.962	29.950					Mean.
—045	—058	—049	—038	—014	+001	+021	+022	+026	+012						Variation.

RAINFALL (IN INCHES), 1925.

(Totals for periods of sixty minutes from full hour to full hour of local mean time.)

MAY.

(FROM PLUVIOGRAPH RECORDS.)

Date.	Hours.													
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14
24*	..	..	..	..	0.03	..	..	..	..	..	..	..	..	..
25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	..	..	..	..	..	..	..	..	..	..	..	..	..	..
28	..	..	..	..	..	..	..	..	..	0.07	..	..	0.03	..
29	..	0.05	..	..	0.01	..	..	..	..	..	0.03	..	..	..
30	0.65	0.01	..	..	..	..	0.02	..	..	..	..	..	..	..
31	..	..	..	..	..	0.12	0.28	0.03	0.07	..	0.01	..	0.01	..
Total	0.65	0.06	..	..	0.04	0.12	0.30	0.03	0.07	0.07	0.04	..	0.04	..

* No rainfall occurred in the year previous to the 24th May.

JUNE.

1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	0.41	0.05	0.52	0.76	1.28	0.83	0.12	0.03	0.02	0.15	0.09	0.04	0.02	0.44
3	0.15	0.03	..	0.01	..	0.03	..	..	0.02	..	..	..	0.16	0.69
4	..	..	..	..	0.27	0.07	..	0.08	..	0.09	..	..	..	0.18
5	..	0.15	0.36	0.05	0.25	0.02	0.64	0.02	..	0.02	0.05	0.05	0.07	0.15
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8	..	..	..	..	0.03	0.05	..	..	0.02	..	0.11	0.01	0.01	..
9	..	0.34	..	..	..	..	..	..	..	..	..	..	..	..
10	..	0.13	0.02	..	0.09	..	..	..	..	..	..	..	..	..
11	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12	0.54	0.54	0.03	0.04	0.56	0.32	..	0.71	0.45	0.09	..	0.05	0.01	0.02
13	..	..	..	0.01	..	0.01	..	..	..	0.02	0.01	0.02	..	..
14	..	..	..	..	..	..	..	..	..	..	..	..	..	..
15	..	..	0.06	..	..	..	..	..	..	..	..	0.01	..	0.04
16	..	0.01	0.08	0.06	..	..	..	..	..	..	..	..	..	..
17	..	..	..	0.02	..	..	..	..	..	..	0.04	..	..	0.01
18	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	..	..	..	0.03	0.16	0.22	..	..	..	..	..	..	..	..
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	..	0.01	..	0.01	..	..	..	..	..	..	..	0.01	0.13	..
25	..	..	..	..	..	0.20	..	0.02	..	..	..	..	0.09	0.05
26	0.31	0.55	0.10	0.12	..	0.15	0.01	..	..	0.13	..	..	0.07	0.03
27	..	0.04	..	..	..	..	..	0.01	..	..	..	0.02	..	0.59
28	0.20	0.03	..	0.04	..	0.01	..	..	0.31	0.13	..	..	..	..
29	..	..	..	0.03	..	0.01	..	..	..	..	..	..	..	..
30	..	..	..	..	..	..	..	..	..	..	0.01	..	..	..
Total	1.61	1.88	1.17	1.18	2.64	1.92	0.77	0.87	0.82	0.63	0.31	0.21	0.56	2.20

RAINFALL (IN INCHES), 1925.

25

(Totals for periods of sixty minutes from full hour to full hour of local mean time.)

MAY.

(FROM PLUVIOGRAPH RECORDS.)

Hours.										Daily Total.	Maxi- mum fall in one hour.	Time of occur- rence.		Daily* total by Newman.	Date.
14-16	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24			H.	M.		
..	..	..	..	..	..	..	..	..	..	0.03	0.03	4	5	0.03	24
..	..	..	..	..	..	..	0.07	..	..	0.07	0.07	21	22	0.07	25
..	..	0.02	..	..	..	..	..	..	..	0.02	0.02	16	17	0.02	26
0.05	..	..	..	..	..	..	..	..	..	0.05	0.05	14	15	0.04	27
..	0.06	0.07	0.06	0.16	..	0.46	..	..	..	0.91	0.46	20	21	0.96	28
0.06	..	..	..	..	..	0.34	..	..	..	0.49	0.34	20	21	0.51	29
..	..	..	..	..	..	..	..	..	..	0.68	0.65	0	1	0.72	30
..	..	..	..	..	..	..	0.25	0.71	..	1.48	0.71	22	23	1.48	31
0.11	0.06	0.09	0.06	0.16	..	0.80	0.32	0.71	..	3.73	..	..	..	3.83	Total

JUNE.

												H. to H.			
..	..	..	..	..	0.03	0.01	0.14	0.07	0.17	0.42	0.17	23	24	0.43	1
0.07	0.05	0.35	0.23	0.28	0.01	0.86	0.26	0.26	0.13	7.26	1.28	4	5	7.54	2
0.26	0.05	..	..	..	..	0.26	..	..	..	1.66	0.69	13	14	1.75	3
..	0.02	0.37	0.24	..	..	..	..	..	0.40	1.72	0.40	23	24	1.72	4
0.41	0.10	0.74	0.12	..	..	..	..	..	..	3.20	0.74	16	17	3.32	5
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6
..	..	0.04	0.03	..	..	..	0.22	..	..	0.29	0.22	21	22	0.30	7
0.05	..	..	..	..	..	0.02	..	..	0.07	0.37	0.11	10	11	0.37	8
..	..	..	..	..	..	..	..	..	..	0.34	0.34	1	2	0.36	9
..	..	..	0.01	..	..	..	..	..	..	0.25	0.13	1	2	0.25	10
..	..	..	..	..	..	..	..	..	0.01	0.01	0.01	23	24	0.01	11
0.03	0.13	..	..	0.13	..	..	0.11	0.01	..	3.77	0.71	7	8	3.89	12
..	..	..	..	..	..	..	..	..	..	0.07	0.02	9	10	0.08	13
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14
..	0.02	..	..	..	..	..	..	..	0.04	0.17	0.06	2	3	0.17	15
..	..	..	..	..	..	..	..	..	..	0.15	0.08	2	3	0.16	16
..	..	..	..	..	..	..	..	..	..	0.07	0.04	10	11	0.08	17
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19
..	..	..	0.03	..	0.04	..	..	..	..	0.07	0.04	19	20	0.07	20
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21
..	..	..	..	0.01	0.03	..	0.01	..	..	0.46	0.22	5	6	0.48	22
..	..	..	..	..	0.11	0.04	0.01	..	..	0.16	0.11	19	20	0.18	23
..	..	..	..	..	0.01	0.01	..	..	..	0.18	0.13	12	13	0.19	24
..	0.08	0.08	0.08	..	..	..	0.02	0.07	0.50	1.19	0.50	23	24	1.23	25
0.09	0.32	..	0.01	..	0.08	..	..	..	..	1.97	0.55	1	2	2.04	26
0.16	0.08	0.03	0.02	..	0.15	0.01	0.01	..	..	1.12	0.59	13	14	1.15	27
0.01	0.03	..	..	..	..	..	0.06	..	0.03	0.85	0.31	8	9	0.86	28
..	..	..	..	..	0.01	..	0.06	..	0.04	0.15	0.06	21	22	0.16	29
..	..	..	..	0.05	..	..	..	..	..	0.06	0.05	18	19	0.07	30
1.08	0.88	1.61	0.77	0.47	0.47	1.21	0.90	0.41	1.39	25.96	..	..	..	26.86	Total

* Adopted as the standard instrument in the observatory since 1845.

RAINFALL (IN INCHES), 1925.

(Totals for periods of sixty minutes from full hour to full hour of local mean time.)
(FROM PLUVIOGRAPH RECORDS.)

JULY.

Date.	Hours.													
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	..	..	..	0.03	..	..	..	..	..	..	..	..	..
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	..	..	..	..	0.16	..	..	0.01	..	0.01	..	..	..	..
5	..	0.14	..	..	..	..	..	..	0.02	..	..	..	..	..
6	..	..	..	..	0.01	0.01	..	..	..	..	..	0.03	0.03	0.03
7	..	..	..	..	..	0.12	..	..	..	0.01	0.01	..	..	0.01
8	..	0.01	..	..	..	..	..	..	..	..	..	0.17	..	..
9	..	..	..	..	0.01	..	..	..	..	0.05	..	..	..	..
10	..	..	..	0.02	..	..	..	..	..	..	..	..	0.04	0.07
11	..	..	..	..	..	..	..	0.13	0.05	0.04	..	0.01	..	..
12	0.01	..	..	..	..	..	..	..	..	..	..	..	..	..
13	..	0.01	..	0.01	..	..	..	0.01	..	..	..	..	..	..
14	0.07	0.06	0.30	0.11	0.01	0.02	..	..	0.01	..	..	0.17	..	0.01
15	..	..	..	..	0.02	0.06	..	..	0.05	0.02	..	..	0.03	0.01
16	0.13	0.09	0.11	..	0.15	0.03	0.13	0.11	0.04	0.03	..	..	..	..
17	..	0.01	..	..	..	..	0.02	..	..	..	..	..	..	0.04
18	..	..	0.09	..	..	..	..	..	..	..	..	..	..	0.02
19	..	0.05	..	..	..	..	..	..	..	..	..	..	0.01	0.01
20	0.01	..	..	..	..	0.01	..	..	0.09	0.04	..	0.01	..	..
21	..	..	..	..	..	..	..	..	..	..	..	..	0.01	..
22	0.15	0.02	..	0.02	..	..	..	..	..	..	..	..	..	..
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	..	..	..	0.01	..	..	..	..	..	..	..	..	..	..
25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	..	..	0.02	..	..	..	..	..	0.01	..	..	0.04	..	..
28	..	..	0.21	0.13	0.10	..	..	..	..	..	0.01	..	0.03	..
29	..	0.04	..	0.05	0.08	..	..	..	..	0.02	..	..	..	..
30	..	..	..	..	..	..	..	..	0.04	0.01	..	..	..	..
31	..	..	..	0.01	..	0.02	..	..	..	..	..	..	..	..
Total ..	0.37	0.43	0.73	0.36	0.57	0.27	0.15	0.26	0.31	0.23	0.02	0.43	0.14	0.20

AUGUST.

1	..	..	..	..	0.03	0.03	..	..	..	..	..	..	..	..
2	..	0.04	0.02	..	..	..	..	..	..	..	..	..	..	..
3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	..	..	..	..	..	..	0.22	0.01	0.02	..	..	..	..	0.01
5	..	..	..	..	..	0.03	..	0.02	..	..	..	..	..	..
6	..	..	..	..	..	..	..	0.14	0.60	0.05	0.05	..	..	..
7	..	0.03	..	..	..	..	..	..	..	..	..	..	..	1.02
8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9	..	0.03	..	..	..	..	..	..	..	..	..	..	0.04	0.01
10	..	..	..	0.01	..	..	..	..	..	..	..	..	..	..
11	0.02	..	..	..	..	..	..	..	..	..	..	..	..	..
12	..	0.09	0.01	..	0.01	..	..	..	0.05	0.01	..	0.01	..	..
13	..	..	..	..	..	..	..	..	0.09	0.02	..	..	..	..
14	0.02	..	0.20	..	..	..	..	..	..	..	0.01	..	..	..
15	0.07	..	..	..	..	..	..	..	..	..	..	..	..	..
16	..	..	..	..	..	..	..	..	0.05	..	..	..	..	0.13
17	..	0.03	0.02	..	0.01	..	..	..	..	..	..	..	..	..
18	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19	..	..	..	0.02	..	..	..	0.01	..	..	..	..	..	..
20	..	..	0.03	..	..	..	..	..	0.06	..	..	..	..	..
21	..	..	..	..	..	0.02	..	0.02	..	0.01	..	..	..	..
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26	..	..	..	..	..	0.01	..	..	..	0.02	..	..	..	..
27	..	..	0.10	0.01	..	..	0.03	0.32	..	..	..	..	..	..
28	0.05	..	..	0.02	..	0.02	..	..	..	..	..	..	..	..
29	..	..	..	..	..	0.01	..	..	..	..	..	..	..	..
30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
31	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	0.16	0.22	0.38	0.06	0.05	0.12	0.25	0.52	0.87	0.11	0.06	0.01	0.04	1.17

RAINFALL (IN INCHES), 1925.

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(Totals for periods of sixty minutes from full hour to full hour of local mean time.)

(FROM PLUVIOGRAPH RECORDS.)

JULY.

Hours.										Daily total.	Maxi- mum fall in one hour.	Time of occur- rence.	Daily* total by Newman.	Date.
14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24					
..	..	..	..	..	..	0.05	..	..	..	0.05	0.05	H. to H. 20 21	0.05	1
..	..	..	..	..	..	..	..	..	..	0.03	0.03	4 5	0.03	2
..	0.12	..	..	..	..	..	..	..	..	0.12	0.12	15 16	0.12	3
..	..	..	..	..	..	..	..	..	..	0.18	0.16	4 5	0.19	4
..	..	..	..	..	..	..	..	..	..	0.16	0.14	1 2	0.16	5
..	..	..	..	..	..	..	..	..	0.12	0.23	0.12	23 24	0.26	6
..	..	..	..	..	..	..	..	..	..	0.15	0.12	5 6	0.14	7
..	..	..	..	0.02	..	..	..	..	..	0.20	0.17	11 12	0.22	8
..	..	..	..	..	..	..	..	..	..	0.06	0.05	9 10	0.06	9
0.03	0.09	0.25	0.17	0.03	..	..	..	..	..	0.70	0.25	16 17	0.73	10
..	..	..	0.12	..	0.04	0.11	0.07	..	0.17	0.74	0.17	23 24	0.76	11
..	..	..	..	..	..	..	0.02	..	..	0.03	0.02	21 22	0.03	12
..	..	..	0.03	0.08	..	..	0.07	0.05	0.05	0.31	0.08	18 19	0.34	13
..	0.02	0.01	..	..	..	0.02	0.01	..	..	0.82	0.30	2 3	0.86	14
0.05	0.02	..	..	..	0.05	0.16	0.25	..	0.04	0.76	0.25	21 22	0.81	15
..	..	..	..	0.17	0.07	0.01	0.02	0.07	0.04	1.20	0.17	18 19	1.26	16
0.01	0.15	0.04	..	..	..	0.02	..	..	..	0.13	0.04	13 14	0.13	17
..	..	..	0.03	..	..	..	..	..	..	0.30	0.15	15 16	0.31	18
..	..	..	..	..	0.01	..	..	..	0.04	0.12	0.05	1 2	0.12	19
..	..	..	..	..	..	..	..	0.04	..	0.20	0.09	8 9	0.22	20
..	..	..	..	..	..	..	..	0.05	0.20	0.25	0.20	23 24	0.24	21
..	..	..	..	..	..	..	..	..	..	0.19	0.15	0 1	0.20	22
..	..	0.01	0.02	..	..	..	..	..	..	0.03	0.02	17 18	0.04	23
..	..	..	..	..	..	..	..	..	..	0.01	0.01	3 4	0.01	24
..	..	..	..	..	..	..	..	..	..	..	..	..	..	25
..	..	..	..	..	0.02	..	..	..	..	0.02	0.02	19 20	0.02	26
..	0.02	0.02	0.02	0.03	..	..	..	..	..	0.16	0.04	11 12	0.16	27
..	..	..	..	0.02	..	..	..	..	..	0.50	0.21	2 3	0.50	28
..	0.01	0.02	..	..	..	0.03	..	..	..	0.25	0.08	4 5	0.26	29
..	..	..	..	..	..	..	..	..	..	0.05	0.04	8 9	0.05	30
..	..	..	..	..	..	..	..	..	..	0.03	0.02	5 6	0.03	31
0.09	0.43	0.35	0.39	0.35	0.19	0.40	0.44	0.21	0.66	7.98	..	..	8.31	Total.

AUGUST.

Hours.										Daily total.	Maxi- mum fall in one hour.	Time of occur- rence.	Daily* total by Newman.	Date.
14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24					
..	0.03	..	..	..	..	..	..	..	..	0.09	0.03	H. to H. 4 5	0.09	1
..	..	..	..	..	..	..	..	..	..	0.06	0.04	1 2	0.06	2
..	0.14	0.01	0.06	..	..	..	..	..	..	0.21	0.14	15 16	0.20	3
..	..	..	..	..	..	..	..	0.02	..	0.28	0.22	6 7	0.30	4
..	..	..	..	..	..	0.13	..	0.08	..	0.26	0.13	20 21	0.28	5
..	0.02	0.07	0.05	..	..	..	..	0.01	..	0.99	0.60	8 9	0.98	6
0.66	0.23	0.02	0.05	..	..	..	0.01	..	..	2.02	1.02	13 14	2.06	7
..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
..	..	..	0.01	..	..	..	..	..	..	0.09	0.04	12 13	0.10	9
0.02	0.03	..	..	0.10	0.03	..	..	..	..	0.19	0.10	18 19	0.19	10
..	..	..	..	..	..	..	..	..	..	0.02	0.02	0 1	0.02	11
..	..	..	..	..	..	..	..	..	..	0.18	0.09	1 2	0.18	12
..	..	..	..	..	..	0.36	..	0.14	..	0.61	0.36	20 21	0.62	13
..	..	0.05	..	..	..	0.28	0.04	..	..	0.70	0.28	20 21	0.74	14
..	..	0.01	..	..	..	..	0.01	..	..	0.09	0.07	0 1	0.08	15
..	0.01	..	..	..	0.02	..	..	..	..	0.21	0.13	13 14	0.22	16
..	..	..	..	..	..	..	..	..	..	0.06	0.03	1 2	0.06	17
..	..	..	..	..	..	0.01	0.03	..	0.12	0.16	0.12	23 24	0.17	18
..	..	..	..	..	..	..	0.02	..	0.15	0.20	0.15	23 24	0.21	19
..	..	0.03	..	0.03	0.01	..	0.02	..	0.01	0.19	0.06	8 9	0.20	20
..	..	..	..	..	0.01	..	..	..	..	0.05	0.02	5 6	0.06	21
..	..	..	..	..	..	..	..	..	..	0.01	0.01	19 20	0.01	22
..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
..	..	..	..	..	..	..	..	..	..	..	..	..	..	25
..	..	..	..	..	..	..	0.02	..	..	0.05	0.02	9 10	0.05	26
..	0.02	..	0.05	..	..	..	0.03	0.01	0.01	0.58	0.32	7 8	0.66	27
..	..	..	..	..	..	..	..	..	..	0.09	0.05	0 1	0.09	28
..	..	..	..	..	..	..	..	..	0.02	0.03	0.02	23 24	0.04	29
..	..	..	..	..	..	..	..	..	0.03	0.03	0.03	23 24	0.04	30
..	..	..	..	..	..	..	..	..	..	..	..	..	..	31
0.68	0.48	0.18	0.23	0.13	0.07	0.78	0.18	0.23	0.37	7.45	..	..	7.71	Total.

* Adopted as the standard instrument in the Observatory since 1845.

RAINFALL (IN INCHES), 1925.

(Totals for periods of sixty minutes from full hour to full hour of local mean time.)
(FROM PLUVIOGRAPH RECORDS.)

SEPTEMBER.

Date.	Hours.													
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3	..	..	..	..	..	0.06	..	..	..	..	..	..	0.02	..
4	..	..	0.03	..	..	..	..	0.04	..	..	..	..	0.04	..
5	..	..	..	0.06	0.13	0.09	0.06	..	..	..	..	..	..	..
6	..	..	..	..	..	..	..	..	..	..	..	..	0.03	..
7	..	..	..	0.06	0.01	..	..	0.02	..	..	..	..	..	..
8	..	..	..	..	..	..	..	0.01	..	..	..	..	..	..
9	0.26	..	..	..	..	..	..	..	..	0.05	..	..	..	..
10	..	0.08	0.28	..	0.05	0.03	..	0.06	..	0.07	0.11	..	..	..
11	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12	..	..	..	..	..	..	..	..	0.07	0.04	0.01	0.02	..	..
13	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14	..	..	..	..	..	..	0.10	0.01	..	..	..	..	..	..
15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16	..	0.06	..	..	..	..	..	..	..	..	..	..	..	..
17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19	..	..	..	..	..	..	..	..	..	..	..	..	..	..
20	..	..	..	..	..	..	..	0.02	..	..	..	..	..	..
21	..	..	..	..	..	..	..	..	..	..	..	..	..	..
22	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
26	..	..	..	..	..	..	..	..	..	..	..	..	..	..
27	..	..	..	..	..	0.06	0.01	..	..	..	..	..	..	..
28	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	0.26	0.14	0.31	0.12	0.19	0.24	0.17	0.16	0.07	0.16	0.12	0.02	0.09	..

OCTOBER.

Date.	Hours.													
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14
8	..	..	..	..	..	..	..	..	..	..	..	..	..	..

NOVEMBER.

9	..	..	..	..	0.21	0.03	..	..	..	..	..	..	..	..
13	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14	..	..	..	..	..	..	..	..	..	0.03	..	..	..	..
Total ..	..	..	..	..	0.21	0.03	..	..	..	0.03	..	..	..	..

RAINFALL (IN INCHES), 1925.

29

(Totals for periods of sixty minutes from full hour to full hour of local mean time.)

(FROM PLUVIOGRAPH RECORDS)

SEPTEMBER.

Hours.										Daily total.	Maximum fall in one hour.	Time of occurrence.	Daily* total by Newman.	Date.
14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24					
..	..	..	..	..	..	..	..	..	..	..	..	H. to H.	..	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
..	..	..	..	..	..	..	0.04	..	..	0.08	0.06	5 6	0.09	3
0.10	..	..	..	..	..	..	..	..	..	0.15	0.04	7 8	0.15	4
..	..	..	..	..	..	..	..	..	..	0.44	0.13	4 5	0.45	5
..	..	..	0.02	..	..	..	..	..	..	0.05	0.03	12 13	0.05	6
..	..	..	..	..	..	..	..	..	..	0.09	0.06	3 4	0.10	7
..	..	..	..	..	0.01	..	..	..	..	0.02	0.01	7 8	0.02	8
0.19	0.14	0.02	0.05	0.02	0.11	0.09	0.02	0.09	0.22	0.86	0.26	0 1	0.95	9
0.03	0.01	..	..	..	..	..	..	..	..	1.08	0.28	2 3	1.20	10
..	..	..	..	..	..	..	..	..	..	..	..	..	..	11
..	..	..	..	..	..	..	..	..	..	0.18	0.07	8 9	0.18	12
..	..	..	..	..	..	..	..	..	..	..	..	..	..	13
..	..	..	..	..	..	..	..	..	..	0.11	0.10	6 7	0.11	14
..	..	..	0.01	..	0.01	..	..	..	..	0.02	0.01	17 18	0.02	15
..	..	..	..	..	..	..	..	..	..	0.06	0.06	1 2	0.06	16
..	..	..	..	..	..	..	..	..	..	..	..	..	..	17
..	..	..	..	..	..	..	..	..	..	..	..	..	..	18
..	..	..	..	..	..	..	..	..	..	..	..	..	..	19
..	..	..	..	..	..	..	..	..	..	0.02	0.02	7 8	0.02	20
..	..	..	..	..	..	..	..	..	..	..	..	..	..	21
..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
..	..	..	..	..	..	..	..	..	..	..	..	..	..	23
..	..	..	..	..	..	..	..	..	..	..	..	..	..	24
..	..	..	..	..	..	..	..	..	..	..	..	..	..	25
..	..	..	..	..	0.01	0.01	..	..	..	0.09	0.06	5 6	0.09	26
..	..	..	..	..	..	..	..	..	..	..	..	..	..	27
..	..	..	0.01	0.01	..	..	..	..	..	0.02	0.01	17 18	0.03	28
..	..	..	0.02	..	..	0.01	..	..	..	0.03	0.02	17 18	0.03	29
..	..	..	..	..	..	..	..	..	..	..	..	..	..	30
0.32	0.15	0.02	0.11	0.03	0.14	0.11	0.06	0.09	0.22	3.30	..	..	3.55	Total

OCTOBER.

Hours.										Daily total.	Maximum fall in one hour.	Time of occurrence.	Daily* total by Newman.	Date.
14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24					
..	..	..	0.17	0.01	..	..	..	..	..	0.18	0.17	17 18	0.19	8

NOVEMBER.

..	..	0.05	0.05	..	..	..	..	..	..	0.24	0.21	4 5	0.24	9
..	..	..	..	..	..	..	..	..	..	0.10	0.05	16 17	0.10	13
..	..	..	..	..	..	..	..	..	..	0.03	0.03	9 10	0.03	14
..	..	0.05	0.05	..	..	..	..	..	..	0.37	..	..	0.37	Total

* Adopted as the standard instrument in the Observatory since 1845.

NOTE.—The months from January to April and December were dry.

Total fall of rain in the year was 48.97" by Pluviograph and 50.82" by Newman; the difference is due to the difference in heights of the receiving funnels of the two instruments.

Total number of rainy days in the year was 68 according to Pluviograph and 70 according to Newman, assuming a rainy day to be one on which a tenth of an inch of rain or upwards has fallen.

The greatest fall of rain during a day in the year, that of 2nd June, was 7.26" by Pluviograph and 7.54" by Newman.

WIND VELOCITY, 1925.

JANUARY. (Averages for periods of sixty minutes from full hour to full hour of local mean time.) (IN MILES PER HOUR.)

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	6	4	7	7	8	5	6	7	6	7	5	2	4	6	7
2	1	1	0	2	6	4	4	2	2	2	1	1	2	5	9
3	3	4	5	6	6	7	6	4	7	7	7	4	8	9	12
4	4	5	4	5	5	4	4	3	2	2	3	4	9	15	15
5	7	7	7	6	7	7	7	6	6	7	8	12	13	13	12
6	2	3	4	3	3	2	2	1	3	4	7	10	10	10	9
7	5	7	7	10	11	6	6	6	8	8	7	7	6	8	9
8	3	4	7	8	6	5	8	9	8	4	5	4	2	5	6
9	4	6	5	6	5	6	5	6	8	7	5	4	4	7	8
10	0	1	4	3	4	4	6	6	6	3	0	2	3	3	5
11	7	4	4	4	4	6	8	8	7	7	5	12	14	15	13
12	6	5	7	5	4	6	8	3	5	4	0	2	6	9	9
13	2	2	3	3	3	4	5	4	5	7	5	7	10	10	10
14	4	5	5	6	7	8	7	7	6	6	6	6	8	9	13
15	2	1	4	6	6	7	7	7	6	5	3	2	3	7	7
16	4	2	2	3	1	0	1	1	3	2	1	4	7	9	11
17	4	4	3	4	5	6	7	8	11	10	9	5	5	4	2
18	14	15	16	15	15	15	15	15	14	16	15	15	14	10	7
19	4	7	10	9	9	8	7	6	7	5	4	7	10	8	10
20	2	5	10	11	12	14	14	11	8	7	4	6	5	8	8
21	5	5	5	5	5	5	6	6	6	7	9	14	14	15	16
22	7	7	7	6	6	5	6	4	7	9	11	14	17	17	20
23	8	6	8	10	9	7	6	7	6	12	11	10	8	8	12
24	9	10	11	11	11	12	11	10	10	11	9	9	6	5	4
25	3	3	4	5	8	10	10	10	10	10	9	4	2	2	6
26	6	4	3	3	5	5	5	5	5	3	4	6	7	9	10
27	4	5	6	5	5	6	5	4	3	3	4	6	8	9	10
28	8	5	4	5	5	3	6	7	6	6	9	11	12	12	12
29	8	8	9	10	9	8	8	5	2	2	3	3	5	8	8
30	7	7	6	3	3	4	4	3	3	3	5	11	12	11	10
31	2	3	2	3	4	4	3	3	5	4	4	5	8	12	12
Mean	4.9	5.0	5.8	6.0	6.4	6.3	6.5	6.0	6.2	6.1	5.7	6.7	7.8	9.0	9.7

FEBRUARY.

1	4	5	4	1	1	4	6	6	6	5	2	1	6	8	7
2	2	10	11	10	8	5	4	5	5	5	5	3	12	15	15
3	4	7	10	11	10	6	2	4	2	4	3	4	9	11	12
4	8	6	7	6	7	7	4	7	5	4	3	3	7	12	13
5	1	3	3	4	4	4	4	3	2	2	9	14	15	14	14
6	12	6	4	3	6	7	7	6	6	3	1	2	6	10	11
7	5	6	8	8	6	6	8	6	3	4	7	10	12	14	16
8	5	3	2	3	3	5	6	4	2	1	4	6	6	8	8
9	3	4	3	3	4	4	4	6	5	4	7	8	7	7	8
10	4	4	2	1	2	6	7	6	6	6	9	14	13	13	13
11	13	14	12	9	9	8	5	6	9	12	14	15	16	16	16
12	9	7	6	5	5	4	9	8	6	9	9	13	17	18	19
13	7	8	10	8	8	8	9	4	6	6	8	10	13	15	15
14	6	7	4	2	5	3	3	2	1	4	2	5	9	10	14
15	4	1	1	3	2	2	4	3	3	3	2	5	11	9	10
16	8	8	6	5	7	6	5	7	9	10	11	10	10	12	13
17	12	13	9	7	6	6	6	14	17	16	17	19	21	20	20
18	8	10	8	9	7	9	10	9	6	4	10	13	15	18	19
19	8	8	7	6	6	6	6	4	7	6	3	7	11	13	15
20	9	7	7	6	5	5	6	4	3	3	3	5	8	11	12
21	6	5	7	6	5	7	6	4	5	5	2	6	9	9	10
22	4	0	1	1	1	0	0	0	0	1	2	7	7	11	13
23	6	5	3	3	2	0	3	2	0	3	6	7	7	8	8
24	1	3	4	4	3	4	6	5	3	6	2	3	6	7	9
25	4	4	4	5	3	5	2	1	2	4	2	6	5	6	6
26	8	6	4	3	2	2	2	4	6	5	10	10	8	9	12
27	5	9	8	6	4	4	3	2	4	8	11	13	13	14	14
28	10	8	7	6	4	6	7	7	6	6	5	6	9	10	12
Mean	6.3	6.3	5.8	5.2	4.8	5.0	5.1	5.0	4.8	5.3	6.0	7.9	10.3	11.7	12.6

WIND VELOCITY, 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY.

(IN MILES PER HOUR.)

Hours.									Mean.	Mean by R. Beck- ly's anemo- graph.	Maximum.		Minimum.		Date.		
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24			Time.	Mag.	Time.	Mag.			
											H.	M.	H.	M.			
8	11	11	11	12	8	6	3	1	6.6	5.6	16	45	15	11	8	0	1
7	8	9	11	11	7	6	3	4	4.5	4.6	18	2	18	1	55	0	2
16	14	15	14	13	11	9	6	4	8.2	6.6	15	50	22	7	56	0	3
17	17	17	15	13	12	8	6	5	8.1	7.0	16	45	28	10	36	0	4
16	13	12	8	8	6	6	8	6	8.7	6.9	15	35	21	8	15	1	5
10	10	10	11	10	8	7	8	4	6.3	5.9	13	20	18	7	45	0	6
12	15	17	16	15	10	7	3	3	8.7	7.0	18	10	24	9	41	1	7
7	8	9	9	7	5	6	5	4	6.0	5.3	16	56	13	12	28	0	8
8	10	12	13	13	11	7	5	1	6.9	5.8	17	36	19	12	0	0	9
8	10	10	11	14	12	7	5	4	5.5	4.9	19	48	20	0	30	0	10
14	14	13	15	14	14	10	7	8	9.5	7.5	20	5	21	10	20	1	11
9	11	13	14	11	11	6	6	2	6.7	5.9	17	5	20	10	40	0	12
12	14	13	13	13	13	7	6	5	7.3	6.4	16	7	20	0	0	0	13
13	11	12	13	13	12	8	6	4	8.1	7.1	19	15	19	9	55	1	14
9	9	10	10	10	9	8	8	7	6.4	5.7	19	5	15	1	5	0	15
14	16	16	13	13	10	3	3	4	6.0	5.4	18	5	23	4	35	0	16
2	2	2	3	6	7	14	16	16	6.5	6.1	22	55	25	14	0	0	17
8	6	5	6	6	6	4	4	5	10.9	8.9	3	10	28	17	30	1	18
10	10	10	10	8	6	6	4	2	7.4	4.7	15	55	17	11	7	0	19
9	10	11	10	12	14	14	8	5	9.1	8.2	20	17	18	12	30	0	20
18	15	16	16	14	13	14	12	8	10.4	8.4	15	47	25	10	2	1	21
20	21	22	22	20	20	13	12	13	12.7	10.3	17	57	33	8	5	1	22
16	17	16	17	14	11	4	3	6	9.7	8.2	16	43	24	8	30	0	23
7	8	9	9	10	8	6	6	6	8.7	7.6	5	25	14	13	56	1	24
8	9	9	10	9	10	8	6	7	7.2	6.0	18	55	14	13	0	1	25
12	13	11	7	9	9	9	6	3	6.6	5.7	16	43	18	10	40	0	26
12	11	11	7	3	7	7	7	7	6.5	5.7	15	30	17	9	55	0	27
14	14	14	13	13	13	13	10	7	9.3	7.5	15	5	20	7	5	2	28
10	13	13	12	11	9	7	7	7	7.7	6.6	16	20	18	8	20	0	29
13	14	13	13	12	12	10	4	4	7.8	6.8	16	22	20	8	20	0	30
14	12	12	13	8	10	6	2	3	6.4	6.0	15	30	20	9	15	0	31
11.4	11.8	12.0	11.8	11.1	10.1	7.9	6.3	5.3	7.8	6.7							Mean

FEBRUARY.

7	8	10	10	7	7	7	4	3	5.4	5.0	18	2	14	11	0	0	1
14	13	10	13	14	7	6	4	4	8.3	7.0	14	3	20	0	25	1	2
12	14	11	10	13	10	11	9	8	8.2	6.6	16	3	19	7	55	0	3
14	15	12	12	11	9	3	1	1	7.4	6.0	16	25	24	11	25	0	4
14	13	6	6	9	7	10	12	13	7.7	6.3	12	56	24	7	15	0	5
13	14	15	13	13	11	10	6	4	7.9	6.7	16	45	21	10	35	0	6
17	18	17	17	17	17	12	10	7	10.5	8.5	16	25	27	8	15	0	7
9	8	7	7	8	5	8	5	3	5.3	4.9	15	30	14	10	30	0	8
10	7	5	8	6	5	6	6	5	5.6	4.9	15	32	15	0	0	0	9
14	14	13	12	11	12	11	12	13	9.1	7.4	11	45	20	3	35	0	10
21	23	22	20	18	14	11	7	9	13.3	10.3	16	38	32	8	15	2	11
19	19	19	17	18	14	12	10	9	11.7	9.7	15	25	29	7	50	2	12
15	15	18	16	16	13	12	10	7	10.8	9.0	17	15	25	8	55	0	13
12	13	14	12	12	7	7	8	5	7.0	6.1	14	40	20	7	45	0	14
9	10	12	11	9	6	5	6	7	5.7	4.9	17	3	17	10	45	0	15
14	15	15	15	15	14	13	11	13	10.5	8.3	18	22	22	7	35	2	16
20	18	19	20	18	18	14	10	9	14.5	11.0	14	20	29	7	10	2	17
19	18	17	15	15	15	11	10	10	11.9	9.5	14	35	27	9	20	1	18
18	16	17	19	14	12	9	9	9	9.8	8.0	18	28	26	8	0	1	19
16	17	16	15	16	13	8	9	8	8.8	7.3	16	45	25	10	55	0	20
13	18	19	18	18	13	7	6	6	8.7	7.1	17	50	26	10	50	0	21
16	18	17	18	17	11	6	6	7	6.6	5.7	15	45	26	1	20	0	22
11	11	11	9	7	6	7	3	1	5.4	4.7	17	22	16	5	30	0	23
9	8	11	11	9	7	4	2	4	5.5	4.5	14	32	15	10	7	0	24
7	7	6	6	6	6	8	5	6	4.8	4.6	15	25	11	6	30	0	25
12	10	8	3	2	1	0	1	2	5.4	5.1	14	30	16	21	30	0	26
13	13	10	9	6	6	7	8	8	8.3	6.3	12	0	20	7	20	0	27
14	13	13	11	12	9	7	5	2	8.1	6.7	15	53	19	10	50	0	28
13.6	13.8	13.2	12.6	12.0	9.8	8.3	7.0	6.5	8.3	6.9							Mean

WIND VELOCITY, 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH.

(IN MILES PER HOUR.)

Date.	Hours.														
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	4	5	4	3	4	8	6	2	3	3	7	9	14	15	16
2	4	4	7	5	6	8	6	3	2	4	4	5	7	9	12
3	2	3	4	4	2	2	3	5	6	7	4	2	2	8	9
4	3	2	5	4	4	5	4	4	4	2	1	3	3	5	7
5	3	3	3	3	2	3	6	8	9	9	7	3	3	7	9
6	4	1	1	4	3	5	5	6	5	2	4	1	6	11	12
7	6	10	11	7	6	5	5	2	4	5	8	4	8	11	12
8	10	8	7	8	10	6	3	1	3	3	4	7	9	11	15
9	6	6	3	1	1	0	0	0	0	1	4	7	7	9	12
10	2	2	2	2	6	6	3	2	2	0	6	8	8	8	9
11	2	3	3	3	4	5	6	8	8	6	1	3	6	8	9
12	0	3	3	8	9	7	4	5	4	3	5	9	11	11	13
13	1	1	1	2	3	4	2	3	3	2	5	6	8	11	12
14	2	0	1	2	2	2	0	0	0	0	4	7	9	12	10
15	3	2	4	2	4	4	4	3	5	5	5	6	8	11	12
16	10	7	6	2	4	4	2	2	4	5	5	5	7	10	9
17	2	2	3	6	2	1	2	2	3	2	1	8	12	12	14
18	8	10	6	6	3	4	3	1	2	3	1	5	9	11	13
19	4	7	14	11	5	5	2	2	4	3	3	5	8	10	13
20	10	4	0	3	2	4	5	5	1	1	1	4	8	13	14
21	5	7	4	2	1	1	0	0	0	0	2	6	10	12	12
22	0	2	8	9	8	4	5	2	3	2	0	4	10	13	10
23	3	2	2	7	6	4	1	0	1	0	2	5	10	13	13
24	6	2	2	2	2	4	7	4	2	2	5	6	9	9	10
25	20	17	12	12	8	3	3	1	0	7	11	13	14	15	18
26	10	9	6	6	3	7	5	5	3	4	10	10	14	16	20
27	8	8	5	2	1	3	7	5	2	3	5	6	6	7	11
28	12	10	8	3	0	5	12	11	7	8	8	5	8	8	8
29	3	3	3	3	2	2	0	0	0	0	2	6	10	10	12
30	8	9	10	10	7	5	6	5	0	5	10	15	15	18	20
31	12	11	14	10	6	5	6	4	4	3	6	9	16	16	16
Mean ..	5.6	5.2	5.2	4.9	4.1	4.2	4.0	3.3	3.0	3.2	4.5	6.1	8.9	11.0	12.3

APRIL.

1	13	13	14	13	12	8	8	6	2	2	2	6	11	14	14
2	14	14	11	8	7	9	10	11	8	8	10	11	11	13	14
3	10	10	8	8	6	4	4	1	3	4	9	10	12	13	14
4	10	8	4	4	3	3	6	3	2	1	5	5	7	7	9
5	10	7	5	3	3	2	0	1	3	3	4	7	8	9	9
6	11	7	8	8	9	10	8	5	2	2	3	8	14	13	12
7	1	0	0	0	1	1	2	5	5	7	6	6	8	11	13
8	7	4	3	2	2	1	1	4	2	3	5	5	7	8	8
9	2	1	1	1	1	1	1	0	0	3	4	7	7	9	9
10	2	2	2	2	1	1	4	3	5	6	4	7	7	8	9
11	0	0	0	0	0	3	2	0	5	2	2	4	7	8	9
12	3	3	3	3	6	9	9	7	5	6	5	7	7	9	9
13	2	1	1	5	5	9	9	9	7	6	4	6	8	11	10
14	7	8	6	5	5	8	9	5	3	3	5	4	7	7	8
15	2	3	4	4	3	3	2	0	0	3	3	7	8	10	11
16	6	3	4	3	3	3	3	3	3	6	4	4	8	9	11
17	4	3	3	2	2	0	0	0	1	2	5	6	9	10	10
18	3	3	3	3	8	9	10	6	3	4	5	8	8	10	11
19	6	8	7	3	3	3	3	4	3	4	5	8	9	10	11
20	9	7	3	3	2	1	1	1	1	4	5	7	11	12	14
21	3	3	3	5	6	7	8	8	5	4	4	6	8	11	12
22	3	4	4	3	4	3	6	8	10	10	7	7	7	9	9
23	2	8	13	16	14	14	15	14	13	10	7	8	8	8	7
24	1	1	1	1	0	0	1	1	6	8	12	11	11	12	13
25	9	9	6	6	6	7	9	7	8	10	13	15	14	12	11
26	7	5	7	5	3	5	3	4	5	5	4	5	6	6	6
27	6	5	5	5	5	5	4	2	5	4	3	6	9	9	11
28	4	6	5	5	4	4	3	4	7	7	8	9	10	10	11
29	8	8	8	10	7	5	7	7	9	9	9	9	10	12	13
30	9	11	11	5	4	4	3	3	3	3	2	6	8	10	11
Mean ..	5.8	5.7	5.1	4.7	4.5	4.7	5.0	4.4	4.5	5.0	5.5	7.2	8.8	10.0	10.6

WIND VELOCITY, 1925.

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(Averages for periods of sixty minutes from hour to full hour of local mean time).

MARCH.

(IN MILES PER HOUR.)

Hours.									Mean.	Mean by R. Beck- ley's anemo- graph.	Maximum.		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24			Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
17	20	19	17	17	13	8	8	8	9.6	7.3	16 30	27	7 35	1	1
14	15	16	15	14	13	7	5	3	7.8	6.4	17 10	21	8 45	0	2
11	12	14	14	13	8	6	6	3	6.3	5.4	17 9	19	10 30	0	3
9	12	10	12	13	7	4	3	4	5.3	5.3	19 10	18	1 30	0	4
11	10	12	11	10	7	5	6	6	6.5	5.7	18 20	16	4 55	0	5
12	13	13	12	8	6	3	3	2	5.9	5.1	17 20	20	4 10	0	6
13	14	16	14	12	10	5	3	7	8.3	6.6	17 33	21	0 20	0	7
13	11	8	7	5	1	3	6	7	6.9	5.7	14 5	21	7 25	0	8
13	13	11	9	7	4	2	1	2	5.0	4.5	16 25	20	5 45	0	9
11	13	12	9	10	6	2	1	3	5.6	5.0	16 35	18	3 2	0	10
9	10	10	9	6	4	1	0	0	5.2	4.7	14 15	13	11 10	0	11
13	12	10	9	6	3	2	1	1	6.3	5.6	15 50	18	0 0	0	12
13	11	13	9	6	7	4	2	2	5.5	4.9	17 30	17	9 50	0	13
9	10	9	5	6	9	7	4	8	4.9	4.5	15 50	16	18 45	0	14
11	8	11	10	10	12	8	4	11	6.8	5.7	23 55	20	8 0	0	15
10	14	12	11	11	9	6	5	3	6.8	5.6	16 30	20	8 10	1	16
15	15	13	7	3	1	2	0	2	5.4	4.7	16 15	22	1 5	0	17
14	14	11	9	3	3	2	2	1	6.0	5.3	16 30	20	4 55	0	18
14	13	12	12	12	11	4	2	4	7.5	6.5	15 30	22	9 55	0	19
13	14	14	12	10	8	11	16	11	7.7	6.6	17 16	22	2 5	0	20
10	10	8	7	3	2	2	0	0	4.3	4.2	14 50	17	5 35	0	21
8	7	6	3	6	10	9	8	6	6.0	5.4	12 30	20	0 50	0	22
15	14	13	10	8	6	9	8	8	6.7	5.9	10 16	21	6 30	0	23
15	19	18	13	13	13	13	12	16	8.5	6.7	16 5	27	10 45	1	24
15	20	17	14	13	15	13	12	10	11.8	9.3	16 35	27	7 10	0	25
22	24	21	14	12	12	9	8	8	10.8	8.5	17 6	33	9 2	0	26
20	23	24	21	12	6	8	11	10	8.9	7.4	17 30	38	9 26	0	27
10	10	9	8	6	3	0	1	2	6.7	6.0	9 35	16	3 45	0	28
16	18	19	15	9	11	13	10	9	7.3	6.0	16 5	26	6 15	0	29
18	18	16	15	13	13	11	14	13	11.4	9.2	14 25	31	8 5	0	30
18	15	10	8	8	12	11	10	13	10.1	8.0	15 20	26	8 40	0	31
13.0	13.9	13.1	11.0	9.2	7.9	6.1	5.5	5.9	7.2	6.1					Mean

APRIL.

14	15	15	13	13	14	14	14	14	11.0	8.7	15	16	22	10	45	0	1
14	14	12	10	8	3	2	5	11	9.9	8.1	14	55	20	21	20	2	2
14	16	14	10	8	8	3	10	13	8.8	7.1	16	20	23	7	55	0	3
9	9	7	2	1	6	5	5	10	5.5	5.0	0	5	15	8	55	0	4
9	8	6	5	4	5	9	9	10	5.8	4.5	13	20	14	6	15	0	5
10	9	7	3	1	0	0	1	1	6.3	5.6	12	20	17	10	10	0	6
14	12	10	7	5	5	4	6	8	5.7	5.2	14	50	18	1	15	0	7
9	8	6	5	4	5	3	3	3	4.5	4.0	14	35	13	6	15	0	8
9	10	10	6	5	4	3	2	2	4.1	4.2	17	30	17	6	25	0	9
10	10	9	8	5	2	1	0	0	4.5	4.3	14	50	14	22	15	0	10
10	11	12	9	12	9	7	2	5	5.0	4.7	16	50	18	0	0	0	11
8	8	7	5	5	5	4	3	3	5.9	5.1	12	45	12	18	5	0	12
10	10	8	7	6	4	2	1	1	5.9	5.4	16	23	16	0	20	1	13
9	9	8	8	5	4	3	2	2	5.8	4.9	15	20	12	23	33	2	14
10	10	11	11	10	6	6	5	5	5.7	4.3	13	40	14	8	10	0	15
10	9	10	12	6	3	4	8	6	6.1	5.7	2	40	18	11	35	2	16
8	8	9	7	3	2	2	5	4	4.4	3.5	13	45	15	9	33	0	17
12	13	10	11	11	7	3	10	6	7.4	6.3	17	30	18	8	10	0	18
12	14	11	14	12	9	7	6	8	7.5	6.5	16	30	22	6	15	2	19
15	16	12	10	11	5	4	1	1	6.5	5.7	15	56	25	6	30	0	20
13	15	13	12	13	12	11	3	3	7.8	6.3	15	50	22	9	35	1	21
9	9	7	7	5	4	5	5	2	6.1	5.3	13	45	15	22	15	1	22
9	8	8	6	5	5	4	1	1	8.5	7.4	3	20	23	22	10	0	23
11	13	9	8	9	10	12	10	9	7.1	6.3	14	59	22	1	56	0	24
10	9	9	9	9	9	9	9	7	9.3	7.9	12	25	22	5	5	4	25
7	7	5	5	4	4	4	5	5	5.1	4.1	0	15	10	9	45	0	26
12	12	10	7	6	6	4	4	4	6.2	5.3	16	40	16	6	55	2	27
12	10	10	9	8	7	7	9	7	7.3	6.6	15	28	19	6	54	1	28
14	13	10	9	8	8	8	8	8	9.0	8.0	15	40	19	10	55	4	29
12	13	13	13	15	16	13	13	6	8.6	8.0	19	53	24	10	25	0	30
10.8	10.9	9.6	8.3	7.2	6.2	5.5	5.5	5.5	6.7	5.8							Mean

WIND VELOCITY, 1925.

MAY. (Averages for periods of sixty minutes from full hour to full hour of local mean time.) (IN MILES PER HOUR.)

Date.	Hours.														
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	2	3	5	4	4	5	3	3	3	4	7	9	10	11	13
2	4	3	3	3	3	3	3	3	5	6	7	7	7	9	8
3	4	2	2	2	3	2	2	2	1	1	4	9	10	12	13
4	3	2	2	4	4	2	6	5	4	2	6	7	11	13	16
5	4	3	3	3	2	2	1	9	6	2	5	9	11	13	16
6	6	6	4	3	3	2	1	1	2	3	5	9	13	15	16
7	5	6	6	5	4	4	5	5	6	6	7	8	8	12	18
8	6	5	6	4	3	2	1	1	4	5	10	11	11	14	15
9	11	12	9	8	8	8	10	9	9	9	9	11	14	16	18
10	12	11	11	10	7	4	2	4	5	8	9	12	14	16	19
11	10	10	10	8	4	3	3	5	6	8	9	10	14	16	19
12	7	6	6	6	5	5	4	4	7	10	10	11	14	16	18
13	10	10	10	8	7	3	2	1	6	7	8	10	13	13	17
14	13	14	12	7	4	4	4	6	8	9	11	12	13	13	14
15	9	3	2	2	2	2	1	0	5	9	10	9	9	9	10
16	1	1	0	6	11	13	12	11	11	11	9	9	9	9	10
17	2	2	2	2	3	4	7	8	8	8	8	10	10	12	10
18	8	8	8	6	5	2	2	2	2	3	4	7	8	9	9
19	5	6	6	4	4	3	4	3	3	4	5	6	7	9	9
20	9	9	8	7	7	6	6	4	3	3	5	7	8	10	11
21	8	7	7	9	9	8	8	5	5	5	7	7	8	7	9
22	4	5	4	3	3	2	5	5	4	4	4	6	7	8	8
23	6	7	8	7	6	5	9	9	9	9	6	5	6	8	10
24	9	7	4	5	8	8	8	9	5	4	6	10	11	10	10
25	8	8	5	4	3	3	9	7	6	7	7	10	10	10	10
26	9	6	7	6	5	5	7	5	7	8	9	9	9	11	11
27	9	10	10	13	14	13	11	12	11	12	11	11	11	11	13
28	14	15	12	13	13	13	14	12	12	15	14	16	20	17	19
29	10	12	7	9	10	11	10	10	10	10	10	10	8	8	8
30	14	21	15	13	14	12	8	11	10	11	9	10	12	15	15
31	12	13	12	15	16	14	17	8	9	16	15	11	9	17	12
Mean	7.5	7.5	6.6	6.4	6.3	5.5	6.0	5.8	6.0	6.9	7.9	9.3	10.5	11.9	13.0

JUNE.

1	9	10	10	9	10	9	10	14	12	13	13	14	16	16	16
2	11	16	12	13	10	17	6	10	14	21	24	20	16	14	20
3	26	25	25	21	16	14	13	13	12	13	12	11	7	8	14
4	17	16	16	17	17	14	13	13	14	19	14	22	19	18	14
5	15	15	13	13	13	10	14	16	16	16	18	24	15	10	9
6	16	17	15	14	14	15	15	15	16	17	15	13	14	13	12
7	10	10	8	7	7	8	9	8	9	9	8	9	9	8	9
8	11	9	8	9	9	10	7	9	10	9	7	10	10	11	9
9	7	8	7	6	7	6	6	7	8	11	9	11	12	12	10
10	9	9	9	10	7	8	8	7	8	8	9	10	9	10	9
11	12	11	14	16	16	14	14	16	17	18	17	19	18	16	14
12	15	11	15	10	7	6	4	7	12	8	9	8	7	9	14
13	8	12	5	5	5	9	7	8	9	10	9	10	6	6	6
14	9	9	10	10	10	9	9	8	7	8	9	9	10	9	8
15	10	8	9	11	10	11	14	10	7	8	8	10	10	11	7
16	9	8	9	9	9	10	13	12	12	13	11	11	9	10	11
17	8	8	8	9	9	8	6	7	7	7	6	11	8	8	7
18	4	4	5	5	5	6	6	6	5	5	4	5	7	7	7
19	5	6	6	6	5	5	4	5	5	6	5	5	7	7	9
20	9	10	10	9	10	9	7	6	7	8	9	9	9	8	8
21	9	10	8	8	6	5	5	5	4	7	8	7	8	8	8
22	5	5	4	4	6	6	7	13	11	11	10	12	15	11	8
23	9	8	8	10	12	12	9	6	7	8	7	6	9	4	4
24	17	18	16	16	16	17	20	17	14	15	21	21	23	18	17
25	35	34	33	30	27	24	25	20	24	30	28	32	28	20	23
26	27	24	31	26	31	23	23	22	21	21	25	24	24	23	27
27	23	25	21	25	25	27	32	32	30	31	31	33	25	21	23
28	18	22	20	22	21	21	21	22	22	27	20	24	22	13	20
29	21	17	16	20	21	21	21	21	20	21	20	21	22	21	24
30	23	23	22	22	22	23	23	21	21	23	21	23	22	24	22
Mean	13.6	13.6	13.1	13.1	12.8	12.6	12.4	12.5	12.7	14.0	13.6	14.8	13.9	12.6	13.0

WIND VELOCITY, 1925.

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(Averages for periods of sixty minues from full hour to full hour of local mean time.)
MAY. (IN MILES PER HOUR.)

Hours.									Mean.	Mean by R. Beckley's anemo- graph.	Maximum.		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24			Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
12	10	9	8	5	6	6	6	8	6.5	5.8	14 35	18	7 45	0	1
10	12	12	12	10	9	8	8	7	6.7	5.3	17 12	16	8 10	2	2
13	14	14	9	9	6	4	4	3	6.0	5.6	15 35	18	6 40	0	3
19	15	14	13	10	7	5	5	3	7.4	6.6	15 43	26	9 20	0	4
16	15	9	10	9	9	7	7	8	7.5	6.7	14 45	24	6 15	0	5
15	9	9	10	11	7	6	6	5	7.0	6.3	3 4	23	7 25	0	6
18	16	12	9	8	9	8	10	8	8.4	7.1	14 30	28	10 55	2	7
16	16	15	14	13	11	9	7	9	8.7	7.4	15 30	26	8 15	0	8
18	18	16	13	13	13	13	11	11	12.0	9.5	16 20	26	3 50	5	9
18	17	16	15	14	13	11	10	10	11.2	8.7	15 35	27	7 15	1	10
20	20	16	13	12	10	7	7	8	10.3	8.5	16 26	27	6 25	3	11
17	17	16	15	14	15	13	10	10	10.7	8.9	20 25	24	7 43	3	12
17	16	15	14	14	12	7	13	13	10.3	8.4	14 16	22	8 5	0	13
16	18	16	13	10	13	16	13	13	11.3	9.6	16 42	26	7 20	2	14
8	9	11	10	5	4	4	2	1	5.4	4.8	17 45	15	8 36	0	15
10	9	7	5	6	5	6	2	2	7.3	6.3	5 25	17	2 0	1	16
10	9	9	10	9	10	9	7	8	7.4	5.6	13 26	16	2 0	1	17
11	10	9	7	7	7	6	6	6	6.3	4.9	14 55	14	8 10	1	18
10	9	8	6	6	6	6	8	8	6.0	4.0	14 36	14	9 1	2	19
11	11	10	8	8	8	7	7	7	7.5	5.5	16 5	16	7 40	2	20
8	9	10	9	6	4	4	3	4	6.9	5.8	17 47	11	22 15	2	21
8	8	7	5	4	2	3	1	2	4.7	3.6	15 15	13	22 17	1	22
10	10	10	7	6	8	10	7	6	7.7	6.2	16 56	16	19 3	3	23
10	9	8	5	6	5	4	4	5	7.1	5.8	15 48	16	10 11	2	24
11	11	11	11	10	10	13	10	9	8.5	5.9	21 5	24	2 5	2	25
12	13	12	11	9	8	8	9	8	8.5	5.5	16 40	26	7 20	3	26
11	14	13	13	14	14	14	13	13	12.1	7.4	14 0	30	14 15	0	27
20	15	12	13	15	12	16	14	11	14.5	9.4	15 20	45	8 2	4	28
6	5	9	10	10	16	16	19	22	10.7	9.3	23 30	31	10 55	3	29
17	19	21	20	21	20	19	20	15	15.1	12.5	1 17	36	6 10	4	30
8	10	9	12	10	13	7	5	5	13.0	10.8	13 13	24	7 44	3	31
13.1	12.7	11.8	10.6	9.8	9.4	8.8	8.2	8.0	8.8	7.0					Mean

JUNE.

15	18	19	16	7	6	8	8	8	11.9	10.8	18 14	28	20 20	4	1
24	25	22	15	15	21	16	17	23	16.7	13.7	20 37	38	0 55	4	2
7	9	13	14	16	19	15	13	16	14.8	10.3	1 23	42	13 25	3	3
16	12	13	14	14	13	14	15	10	15.2	10.2	9 5	44	5 15	3	4
10	7	17	19	22	18	17	13	15	10.3	11.4	11 14	41	16 50	0	5
11	10	11	10	10	10	10	10	10	13.0	8.7	1 35	26	22 22	5	6
9	9	10	9	10	10	9	8	8	8.7	5.3	21 35	36	7 50	3	7
9	9	6	5	10	8	6	12	12	9.0	7.0	5 55	31	18 50	3	8
10	8	7	7	6	7	7	8	8	8.1	6.1	1 7	23	20 10	3	9
10	9	9	9	9	8	8	8	9	8.7	5.8	11 24	22	8 12	2	10
13	11	11	10	10	12	12	15	9	14.0	10.9	22 25	28	15 35	5	11
6	8	11	10	10	8	8	8	6	9.0	8.4	0 25	36	5 10	2	12
8	7	8	9	9	8	9	9	9	8.0	6.8	1 25	21	13 45	3	13
8	8	8	8	9	9	8	10	7	8.7	5.2	13 35	18	8 50	3	14
9	9	6	8	7	7	8	8	9	9.0	6.5	13 1	28	8 15	3	15
10	9	11	8	8	9	10	8	10	10.0	7.7	17 35	24	3 5	3	16
8	7	6	5	5	5	5	5	5	7.0	4.9	11 45	22	9 15	3	17
8	7	7	8	6	6	6	7	5	5.9	4.6	14 26	11	8 30	3	18
10	9	8	8	9	9	8	10	10	7.0	4.6	23 22	18	10 36	3	19
9	8	9	9	8	7	6	7	8	8.3	5.2	4 52	18	8 29	2	20
9	10	9	8	6	6	5	5	5	7.0	5.8	1 35	16	9 39	2	21
7	8	8	10	9	9	10	13	10	8.8	8.5	12 12	21	4 0	3	22
4	3	5	8	14	11	10	13	14	8.4	8.6	19 40	20	13 10	2	23
13	14	15	23	33	33	31	30	35	20.7	15.9	12 44	45	12 11	5	24
28	21	22	19	21	25	25	26	26	26.1	15.9	22 7	47	16 18	8	25
20	28	24	30	31	33	28	25	24	25.6	14.9	2 10	51	11 35	9	26
16	17	16	21	12	20	20	20	18	23.5	14.0	12 5	45	19 30	7	27
20	21	21	20	19	20	21	24	26	21.3	11.5	9 23	47	2 30	9	28
22	20	20	19	19	20	22	22	22	20.5	9.7	0 20	37	2 55	9	29
21	19	20	19	20	20	20	21	21	21.5	10.8	1 15	34	11 10	10	30
12.5	12.0	12.4	12.6	12.8	13.2	12.7	13.5	13.3	13.1	9.0					Mean

WIND VELOCITY, 1925.

JULY.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)
(IN MILES PER HOUR.)

Date.	Hours.														
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	21	20	21	19	21	21	19	19	20	19	20	20	19	19	20
2	18	18	18	19	18	21	16	18	18	20	20	20	18	20	20
3	18	17	18	18	19	19	19	16	16	16	17	18	18	16	15
4	20	19	21	8	11	19	18	13	16	17	16	17	19	17	18
5	16	14	18	20	22	14	19	19	17	16	17	16	16	16	17
6	16	17	17	18	25	15	17	17	17	17	24	16	15	14	14
7	19	11	8	16	17	13	14	13	11	13	12	18	18	18	18
8	15	12	14	13	11	15	12	14	13	11	16	15	20	16	12
9	16	16	15	15	14	14	14	14	12	14	10	12	16	17	17
10	19	22	21	21	23	23	23	21	19	19	20	20	20	20	17
11	24	22	23	24	23	20	20	24	22	25	25	24	22	25	22
12	21	23	23	22	22	22	22	24	18	20	19	20	20	19	22
13	26	26	26	26	26	25	25	24	24	25	25	26	25	23	23
14	26	26	26	26	26	25	24	25	24	22	22	23	23	24	24
15	19	20	19	18	17	18	20	21	21	19	20	21	21	18	22
16	20	20	20	24	24	22	24	20	23	18	25	25	23	22	22
17	25	23	24	24	23	23	24	23	23	22	21	22	20	22	20
18	23	22	20	20	21	19	20	20	20	20	19	19	18	17	17
19	19	18	19	19	21	18	16	16	18	19	18	18	18	17	18
20	14	15	15	14	14	15	10	9	15	13	19	16	18	16	15
21	16	16	17	18	16	16	16	16	16	14	16	17	15	15	16
22	16	17	17	17	16	16	17	17	16	17	17	18	17	16	17
23	18	18	20	18	18	18	19	19	18	19	21	20	20	20	20
24	20	20	20	20	21	21	21	20	24	20	20	20	20	22	20
25	20	20	20	18	18	18	18	15	16	16	20	20	20	19	21
26	20	20	11	19	18	17	18	17	18	18	17	18	17	18	18
27	20	22	18	20	20	20	19	17	20	12	15	22	15	17	17
28	21	21	25	24	22	23	23	20	16	16	17	14	14	12	17
29	21	19	23	23	25	24	19	20	18	15	19	18	19	18	17
30	14	14	13	13	12	15	15	17	10	5	10	12	14	14	14
31	12	12	11	10	10	14	13	13	11	11	10	14	15	14	14
Mean	19.1	18.7	18.7	18.8	19.2	18.8	18.5	18.1	17.7	17.0	18.3	18.7	18.5	18.1	18.2

AUGUST.

1	11	11	9	6	9	11	14	12	9	8	14	16	12	16	15
2	17	17	19	19	17	17	17	17	15	17	16	15	16	16	14
3	15	15	15	14	14	14	14	15	15	17	13	13	12	14	15
4	19	20	19	22	20	24	22	18	20	21	20	20	19	18	17
5	18	18	17	18	20	24	25	24	13	22	20	21	24	22	20
6	21	19	17	18	17	15	17	14	8	10	15	17	16	17	18
7	14	13	14	14	13	13	14	15	6	6	7	10	15	20	13
8	14	13	13	14	14	13	13	12	12	12	10	13	14	15	14
9	13	13	14	14	14	13	14	14	13	13	11	13	13	13	14
10	15	16	16	16	17	17	16	17	24	20	19	15	13	13	11
11	21	20	12	15	14	16	18	16	16	16	16	16	16	15	15
12	16	18	19	16	18	15	16	16	16	17	16	16	17	17	17
13	14	15	15	15	15	14	15	16	14	15	15	14	14	14	13
14	16	12	12	16	17	17	18	15	20	14	9	8	11	13	14
15	15	11	12	12	13	12	15	14	11	12	11	12	18	20	15
16	12	12	12	12	12	12	12	14	12	14	14	13	13	12	12
17	12	12	12	15	15	16	17	17	15	17	16	16	16	15	16
18	12	12	12	13	13	14	15	14	12	15	24	12	12	12	12
19	17	18	16	17	20	20	21	23	24	20	18	19	20	22	20
20	28	25	26	25	24	25	24	29	25	28	25	24	25	25	25
21	22	22	21	20	16	20	20	20	21	22	24	24	22	20	21
22	20	22	21	20	20	18	17	18	19	18	16	17	17	16	17
23	15	15	16	19	18	16	17	17	17	18	20	18	20	20	18
24	12	14	15	13	13	13	13	13	14	14	14	14	12	12	13
25	16	16	14	13	14	12	13	13	11	13	13	14	14	14	15
26	10	10	11	10	10	11	12	12	9	14	22	19	18	18	16
27	15	15	14	14	17	24	18	11	9	16	16	18	20	18	22
28	17	16	17	17	17	18	17	17	17	16	16	16	16	16	17
29	15	14	14	16	15	13	15	15	23	11	11	13	16	16	15
30	13	13	12	12	11	11	10	10	9	10	11	12	12	12	12
31	11	8	9	8	8	8	9	8	10	11	9	14	8	10	10
Mean	15.7	15.3	15.0	15.3	15.3	15.7	16.1	15.7	14.8	15.4	15.5	15.5	15.8	16.2	15.7

WIND VELOCITY, 1925.

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JULY. (Averages for periods of sixty minutes from full hour to full hour of local mean time.) (IN MILES PER HOUR.)

Hours.									Mean.	Mean by R. Beckley's anemo- graph.	Maximum.		Minimum.		Date.
15--16	16--17	17--18	18--19	19--20	20--21	21--22	22--23	23--24			Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
20	20	18	18	18	18	20	19	19	19.5	9.5	16 25	31	13 3	7	1
20	19	18	17	18	16	16	18	14	18.3	8.9	11 20	36	6 40	8	2
18	18	18	18	16	16	17	16	18	17.3	8.8	14 58	28	14 9	6	3
16	18	19	18	18	17	20	18	16	17.0	8.8	2 35	45	3 30	4	4
16	16	15	17	16	17	18	17	17	16.9	8.2	4 20	41	1 30	6	5
21	15	10	11	15	16	15	16	24	16.7	8.6	4 47	37	13 30	5	6
16	15	16	13	14	12	12	12	13	14.3	7.4	4 45	30	9 0	4	7
16	15	12	12	13	13	13	14	16	13.9	7.3	0 3	31	9 37	5	8
20	17	17	15	15	14	14	15	17	15.0	7.7	9 20	31	11 15	4	9
18	32	19	16	18	21	18	21	21	20.5	12.1	16 15	44	12 40	7	10
23	23	23	24	22	23	20	22	20	22.7	12.8	7 45	47	23 25	7	11
17	20	21	24	20	25	26	26	26	21.7	11.8	21 40	45	12 20	9	12
23	20	21	21	24	22	25	24	25	24.2	13.8	23 55	46	16 50	11	13
23	22	22	21	22	20	20	20	20	23.2	12.9	2 15	46	9 3	11	14
24	25	25	23	25	23	22	21	20	20.9	11.2	19 10	41	13 29	9	15
21	21	20	22	23	22	25	25	21	22.2	13.2	22 15	46	9 40	9	16
20	20	22	17	20	20	19	23	22	21.7	11.6	13 26	38	20 29	9	17
17	19	18	20	17	18	19	18	20	19.2	10.8	15 40	37	11 5	10	18
18	18	18	16	15	12	12	13	14	17.0	9.7	0 50	34	21 25	8	19
13	14	14	15	14	16	16	16	16	14.7	6.9	8 35	34	7 50	7	20
17	17	15	15	15	15	16	15	15	15.8	6.8	3 12	32	11 25	8	21
17	18	17	18	18	18	18	17	18	17.1	7.6	23 30	30	8 15	6	22
19	19	20	20	20	19	20	20	19	19.3	9.1	0 30	32	4 30	8	23
20	20	18	19	18	18	18	18	20	19.9	9.3	7 15	37	22 46	8	24
20	20	20	20	20	19	18	17	18	18.8	9.0	19 35	30	9 5	8	25
20	17	18	20	17	17	18	16	19	17.7	9.0	2 5	32	9 50	8	26
17	21	18	21	18	19	20	21	19	18.7	9.8	11 30	37	9 40	6	27
15	15	17	16	17	19	15	17	21	18.2	9.6	2 42	40	13 15	7	28
17	17	16	13	13	13	13	13	12	17.7	9.5	2 27	38	22 45	8	29
14	14	14	12	12	13	12	12	14	12.9	5.1	8 5	24	9 45	3	30
14	14	12	12	13	12	12	13	12	12.4	6.2	15 25	20	10 30	6	31
18.4	18.7	17.8	17.6	17.5	17.5	17.6	17.8	18.3	18.2	9.5					Mean.

AUGUST.

16	16	18	17	17	17	17	16	17	13.5	7.4	15 55	36	9 10	4	1
14	17	15	15	15	15	14	15	15	16.0	8.0	1 10	34	14 35	6	2
15	6	16	17	17	17	17	18	20	14.9	6.5	15 30	30	16 15	4	3
19	18	17	17	20	19	20	16	17	19.3	10.3	3 30	35	4 25	9	4
20	24	20	18	17	20	19	20	17	20.0	11.8	5 58	38	8 50	7	5
19	16	16	16	14	16	12	14	14	15.7	7.5	15 15	30	8 15	4	6
11	9	9	8	8	12	13	13	13	11.8	5.6	12 58	26	8 35	6	7
14	12	12	12	12	13	13	13	13	12.9	7.0	13 30	17	10 50	11	8
15	18	18	17	16	16	17	17	16	14.5	7.3	20 40	28	10 40	10	9
20	20	17	13	14	16	17	18	20	16.7	9.3	15 35	30	15 15	8	10
14	14	14	15	15	15	14	15	15	15.5	6.6	0 30	32	12 11	7	11
17	17	16	16	16	15	16	15	15	16.4	7.7	9 15	35	11 30	7	12
15	16	16	15	14	15	12	14	15	14.6	6.1	20 30	25	1 25	8	13
15	20	15	15	13	14	12	10	13	14.1	7.4	8 20	35	10 35	4	14
16	16	9	7	7	7	14	13	12	12.7	6.5	13 46	32	20 10	7	15
11	10	9	8	8	8	10	12	12	11.5	5.3	8 50	17	8 15	7	16
16	16	15	14	13	12	13	12	13	14.7	8.0	9 50	22	5 30	11	17
12	13	13	13	13	15	12	15	15	13.5	6.3	23 15	34	11 30	6	18
12	20	22	20	20	21	22	24	24	20.4	11.4	23 40	42	19 15	9	19
24	25	24	25	20	23	20	22	20	24.4	14.0	0 16	48	8 30	10	20
19	21	18	19	17	20	18	19	20	20.3	11.2	3 10	35	22 32	8	21
15	15	14	15	15	16	15	14	15	17.1	9.7	3 58	31	11 30	8	22
15	13	14	15	14	13	12	12	12	16.0	10.1	13 15	26	17 5	6	23
14	14	15	15	13	14	12	14	13	13.5	7.5	18 10	21	8 45	8	24
16	18	16	14	10	12	11	10	11	13.5	7.1	16 20	25	19 32	7	25
14	11	12	15	14	12	13	13	14	13.3	6.5	12 50	34	17 15	6	26
16	17	13	16	15	14	15	16	17	16.1	9.2	14 30	34	8 20	5	27
16	16	14	16	16	15	15	16	16	16.3	9.3	0 25	30	13 45	9	28
15	15	14	14	14	11	13	14	14	14.4	7.5	22 45	34	9 20	6	29
12	12	12	12	12	12	12	10	12	11.5	4.0	22 35	14	8 14	6	30
11	13	12	10	10	12	12	11	10	10.1	4.2	11 10	23	12 5	4	31
15.7	15.7	15.0	14.8	14.2	14.7	14.6	14.9	15.2	15.3	7.9					Mean.

WIND VELOCITY, 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER. (IN MILES PER HOUR.)

Date.	Hours.														
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	11	10	11	10	12	11	13	13	11	10	10	12	10	12	12
2	12	15	16	11	11	12	10	10	10	9	10	12	11	12	15
3	7	8	7	10	12	17	20	15	17	14	11	10	16	9	5
4	10	10	10	10	9	10	9	12	6	13	13	14	8	10	10
5	6	7	7	6	5	9	8	8	8	8	5	4	5	9	12
6	10	9	8	8	8	10	7	7	14	6	5	3	10	5	7
7	12	14	13	13	9	10	8	7	10	10	13	16	16	13	13
8	13	12	12	11	10	8	9	11	15	16	14	16	13	11	12
9	14	6	14	13	11	14	15	12	7	8	6	11	11	14	11
10	14	11	11	12	14	10	10	8	8	8	8	11	7	7	12
11	12	12	11	11	12	10	11	11	9	8	3	5	10	12	13
12	7	7	7	7	6	9	12	14	9	8	4	7	5	7	9
13	11	9	11	11	12	11	10	9	7	15	11	13	13	13	12
14	12	12	12	13	12	12	14	13	14	14	13	14	13	14	15
15	12	12	11	12	12	14	14	12	10	10	7	9	8	8	8
16	6	6	6	6	5	6	5	5	5	6	5	7	8	9	9
17	4	4	4	4	6	5	6	6	6	6	5	4	7	9	11
18	4	4	4	5	7	6	4	2	5	5	2	6	9	10	11
19	4	6	9	7	6	5	6	7	5	6	9	12	12	13	14
20	9	8	8	8	8	8	5	5	5	7	7	10	13	17	16
21	5	3	3	4	5	8	7	7	8	7	9	11	12	13	13
22	5	5	5	5	3	3	3	3	3	2	6	8	10	10	12
23	6	5	5	5	4	4	8	9	7	5	6	8	10	12	11
24	7	6	6	6	6	7	7	8	8	7	9	14	14	15	17
25	9	9	10	9	7	7	6	7	7	7	7	12	13	12	13
26	7	7	8	7	6	6	6	3	3	3	3	8	9	10	12
27	6	5	4	3	6	9	10	8	7	6	6	1	5	7	8
28	4	6	5	2	4	4	8	8	6	3	3	3	5	9	11
29	6	4	4	6	5	5	7	5	5	5	2	5	8	10	11
30	2	3	4	6	8	5	8	7	7	3	3	2	4	8	10
Mean	8.2	7.8	8.2	8.1	8.0	8.4	8.9	8.4	8.1	7.8	7.2	8.9	9.8	10.6	11.5

OCTOBER.

1	5	5	3	5	7	9	9	9	7	5	5	5	7	12	12
2	11	9	8	8	7	11	7	6	8	6	6	5	7	10	14
3	5	5	5	9	8	9	7	10	11	9	8	7	6	8	9
4	8	9	9	7	8	9	9	11	10	8	6	6	6	9	11
5	5	5	6	5	7	7	10	10	11	9	8	7	8	9	12
6	6	6	7	8	8	10	8	9	7	5	7	8	10	12	13
7	6	7	7	6	9	7	6	10	8	9	7	7	8	14	15
8	7	7	8	8	6	9	12	12	12	12	9	6	6	10	12
9	8	6	6	8	7	7	6	6	6	6	5	5	5	8	14
10	18	9	9	9	10	8	7	8	7	5	5	7	8	12	13
11	8	6	4	5	5	7	7	8	9	7	7	7	10	10	12
12	6	7	7	9	9	10	12	9	4	3	9	9	10	13	13
13	8	11	11	10	9	9	11	10	9	7	5	7	7	10	12
14	11	13	15	13	10	12	11	9	8	6	5	7	9	10	11
15	6	8	10	9	9	10	12	11	10	8	12	12	10	8	9
16	5	6	7	6	9	12	11	13	11	11	9	9	10	10	10
17	14	13	14	15	15	16	18	19	20	20	20	20	21	19	17
18	15	17	15	16	15	16	15	17	18	18	20	18	16	11	10
19	5	6	8	9	9	8	9	10	9	7	5	6	13	13	13
20	9	8	10	9	10	10	10	10	9	10	7	10	15	17	16
21	7	3	5	4	6	6	7	8	5	7	2	10	10	10	11
22	5	3	5	6	11	10	8	9	8	6	5	6	5	8	10
23	10	10	10	8	7	10	10	9	8	7	5	6	6	6	12
24	8	8	9	10	11	12	10	7	7	7	6	5	5	8	13
25	8	7	7	8	8	9	7	11	12	10	7	6	10	11	13
26	10	9	8	10	8	6	8	8	8	4	4	6	10	12	11
27	8	5	5	6	7	6	8	8	6	8	7	5	10	11	10
28	8	9	10	7	5	6	8	8	9	8	6	5	7	9	10
29	8	9	9	11	11	11	10	4	3	5	3	5	6	7	8
30	8	9	9	11	10	11	10	9	7	5	4	4	6	8	10
31	7	7	10	8	9	8	5	8	6	4	5	5	8	10	10
Mean	8.2	7.8	8.3	8.5	8.7	9.4	9.3	9.5	8.8	7.8	7.1	7.4	8.9	10.5	11.8

WIND VELOCITY, 1925.

39

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER.

(IN MILES PER HOUR.)

Hours.									Mean.	Mean by R. Beckley's anemo- graph.	Maximum.		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24			Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
12	12	12	12	10	11	12	13	14	11.5	4.7	23 26	20	10 20	2	1
13	16	12	15	16	16	13	6	4	12.0	5.4	20 12	31	9 4	4	2
8	10	11	10	9	12	9	9	10	11.1	5.6	8 47	29	14 15	3	3
10	10	9	11	10	8	10	7	7	9.8	4.5	7 40	23	8 20	0	4
8	11	10	11	10	8	8	7	10	7.9	3.8	14 30	20	10 45	2	5
14	13	14	14	13	14	12	13	12	9.8	4.7	12 20	23	9 30	4	6
14	13	11	12	14	15	16	15	14	12.5	5.6	11 55	29	7 45	6	7
12	13	14	12	12	15	14	13	13	12.5	5.7	11 23	26	6 5	6	8
11	14	8	7	8	11	12	13	12	11.0	5.5	0 57	27	10 35	4	9
11	7	11	11	14	12	12	10	11	10.4	6.3	6 7	21	16 11	6	10
13	13	12	11	11	8	9	7	7	10.0	5.7	15 5	28	10 43	0	11
3	3	3	3	3	10	11	10	12	7.3	4.3	14 8	25	19 40	2	12
14	13	13	11	10	10	10	13	14	11.5	7.7	22 2	25	8 28	1	13
16	16	14	13	13	12	12	13	12	13.3	7.5	6 15	28	12 10	7	14
8	8	8	8	10	5	10	8	7	9.6	5.6	0 45	20	11 0	2	15
10	10	8	6	6	6	8	6	5	6.6	4.4	3 55	17	7 33	2	16
11	9	9	9	8	7	7	7	7	6.7	4.5	14 59	16	3 25	3	17
12	13	11	10	10	9	8	6	4	7.0	4.6	16 15	19	7 13	2	18
15	15	15	14	13	13	12	12	9	10.0	6.6	15 10	22	10 25	2	19
15	14	14	13	12	9	8	7	7	9.7	6.7	13 10	25	8 12	3	20
13	14	13	10	8	7	7	6	6	8.3	5.0	15 38	20	3 27	3	21
13	13	11	8	9	7	7	6	6	6.8	3.7	15 15	18	9 37	1	22
13	11	12	11	10	8	7	7	7	8.0	4.7	17 5	18	10 25	1	23
16	17	16	15	13	11	9	10	9	10.5	6.9	16 3	25	9 25	4	24
13	12	9	8	9	10	8	5	5	8.9	6.0	12 6	20	10 15	3	25
13	13	10	8	16	20	14	8	8	8.7	6.0	19 47	34	10 33	0	26
7	6	5	5	11	6	8	5	4	6.2	4.3	19 34	28	11 20	2	27
12	11	9	8	6	5	4	6	7	6.2	5.3	15 38	18	3 45	3	28
12	7	22	5	14	10	8	4	2	7.2	6.2	17 15	38	10 50	1	29
11	8	13	11	12	13	18	9	7	7.6	6.7	17 26	33	0 0	1	30
11.8	11.5	11.3	10.1	10.6	10.3	10.1	8.7	8.4	9.3	5.5					Mean.

OCTOBER.

13	13	12	12	10	11	21	7	11	9.0	6.5	20 56	36	2 35	2	1
15	16	13	10	10	6	6	5	5	8.7	4.8	16 23	20	7 35	5	2
10	11	12	10	9	7	7	6	6	8.1	4.4	8 27	16	0 3	5	3
10	9	8	7	8	8	6	7	6	8.1	4.7	15 5	16	11 45	5	4
14	15	10	6	7	6	6	8	6	8.2	4.3	16 15	21	11 15	4	5
12	9	12	11	9	5	6	5	5	8.3	4.5	18 4	18	11 10	4	6
16	18	18	16	14	7	10	11	10	10.3	6.5	16 45	26	0 10	5	7
13	13	14	9	7	7	9	9	11	9.5	6.1	16 59	55	12 27	4	8
13	12	9	12	11	9	10	6	15	8.3	5.1	23 45	26	10 50	4	9
13	12	10	6	3	5	10	12	10	9.0	5.9	0 7	28	10 35	1	10
14	15	15	15	13	11	6	7	7	9.0	5.5	17 40	22	3 17	3	11
13	14	14	15	14	11	7	2	2	9.3	5.9	18 34	21	9 45	0	12
13	14	11	8	8	7	6	5	7	9.0	5.7	16 25	19	23 5	3	13
11	11	9	8	6	4	3	4	6	8.8	5.2	2 10	18	22 5	2	14
10	10	12	10	9	6	4	5	5	9.0	5.5	10 38	16	13 3	4	15
11	10	10	12	13	12	13	13	14	10.3	6.3	22 37	20	11 15	4	16
18	17	17	17	16	14	14	14	16	16.8	11.7	11 42	28	16 25	6	17
10	10	9	8	8	7	8	6	6	12.8	8.2	2 27	24	12 56	5	18
13	13	14	13	12	11	10	10	9	9.8	6.1	12 38	20	10 32	2	19
16	16	15	14	12	8	6	6	6	10.8	6.4	13 35	24	11 7	2	20
11	12	12	9	7	10	13	10	11	8.2	5.0	23 5	18	10 45	0	21
12	15	20	11	15	15	10	11	12	9.4	6.1	17 2	43	1 35	3	22
14	13	13	13	12	9	7	8	6	9.1	5.4	17 25	20	4 55	4	23
16	16	14	12	10	8	8	7	8	9.4	5.6	15 3	20	12 15	3	24
13	14	14	12	10	7	7	8	7	9.4	5.6	16 30	20	11 0	4	25
14	15	14	11	10	8	8	7	7	9.0	5.6	16 2	20	10 0	0	26
11	11	10	10	8	6	6	7	6	7.7	4.6	13 15	15	8 57	4	27
12	13	12	11	9	6	5	7	7	8.2	4.8	17 37	15	10 25	4	28
9	10	11	10	10	8	7	7	10	8.0	4.7	4 25	14	8 35	0	29
12	11	10	10	7	5	6	5	4	8.0	4.7	15 33	15	10 3	3	30
15	14	12	10	9	7	7	7	7	8.3	5.2	16 16	19	10 55	4	31
12.8	13.0	12.5	10.9	9.9	8.1	8.1	7.5	8.0	9.3	5.7					Mean.

(Averages for periods of sixty minutes from full hour to full hour of local mean time).

NOVEMBER. (IN MILES PER HOUR.)

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	8	9	9	8	10	9	7	8	9	6	6	5	7	9	10
2	9	9	7	8	9	9	8	10	10	8	5	5	6	8	10
3	9	8	9	7	6	6	6	9	8	8	7	7	7	9	9
4	7	6	4	5	5	8	8	8	8	9	9	7	8	10	12
5	7	5	7	7	8	7	8	6	8	6	6	10	10	13	13
6	6	6	7	8	7	8	8	7	8	8	9	8	9	10	10
7	5	5	6	6	5	6	8	8	8	7	6	5	7	9	11
8	10	8	7	7	8	13	6	3	8	7	6	5	6	8	10
9	9	8	7	6	10	6	10	14	12	11	11	7	18	11	9
10	8	10	11	13	12	12	13	14	13	12	9	7	6	9	14
11	9	11	12	9	11	12	10	12	11	10	9	6	6	6	10
12	8	8	10	9	10	10	11	13	12	13	12	13	18	18	13
13	8	7	7	7	7	7	6	6	9	10	12	10	7	8	8
14	16	14	10	10	10	10	13	16	23	21	7	4	5	8	8
15	10	9	4	4	7	5	5	8	8	7	4	5	6	7	10
16	7	7	6	7	7	7	6	3	5	7	5	6	9	12	11
17	5	5	6	7	7	6	6	7	9	9	5	6	6	9	14
18	10	11	12	9	9	9	9	7	11	8	6	5	5	9	13
19	9	12	11	12	11	13	11	10	10	9	5	5	5	7	11
20	7	7	6	9	8	7	8	11	8	8	6	5	7	9	11
21	6	6	5	6	6	7	6	9	8	6	5	4	6	8	9
22	8	9	8	8	8	7	8	7	8	5	5	5	8	9	13
23	11	9	11	8	8	8	9	8	10	9	7	7	7	8	10
24	4	3	7	9	8	8	8	9	10	10	9	7	6	8	11
25	4	5	7	8	10	8	7	9	10	10	9	6	6	10	10
26	6	6	9	7	8	9	11	11	12	9	9	9	7	8	14
27	14	13	14	13	10	11	11	11	9	9	9	11	11	11	9
28	13	12	11	10	10	11	11	9	6	7	9	12	10	10	9
29	12	11	15	14	13	16	13	13	14	13	11	10	9	10	14
30	7	7	7	8	8	10	10	12	12	9	7	9	8	8	11
Mean	8.4	8.2	8.4	8.3	8.5	8.8	8.7	9.3	9.9	9.0	7.5	7.0	7.9	9.3	10.9

DECEMBER.

1	7	8	10	13	13	13	13	10	10	9	7	6	9	13	15
2	5	6	13	12	15	12	11	14	13	10	10	9	9	10	11
3	8	8	8	11	13	13	12	12	9	8	8	8	7	10	8
4	4	4	8	9	10	11	11	13	14	13	8	11	9	6	10
5	9	11	11	14	14	13	15	16	14	12	12	12	10	8	9
6	6	9	10	13	15	16	17	17	18	18	15	12	10	9	7
7	10	12	14	14	18	18	18	20	22	23	21	18	14	10	8
8	14	18	17	17	16	20	18	18	19	20	18	15	16	14	9
9	8	11	12	12	12	12	12	15	14	14	10	8	7	6	9
10	6	7	7	10	13	11	11	11	9	6	5	4	3	10	12
11	11	12	14	17	15	15	12	14	14	12	9	6	6	10	14
12	6	7	9	9	11	9	9	9	10	8	7	6	6	9	13
13	6	6	7	8	10	10	11	12	10	11	12	10	7	9	11
14	6	6	7	8	9	13	15	13	14	15	17	18	12	7	8
15	6	7	7	11	13	15	14	12	12	13	13	11	8	6	6
16	7	8	9	9	10	11	11	11	13	10	5	5	8	11	11
17	7	6	8	8	11	11	14	12	12	12	11	10	10	8	8
18	8	10	7	11	7	11	12	14	14	11	10	7	6	6	7
19	8	7	9	11	9	12	13	11	11	12	17	13	9	7	7
20	7	8	9	9	7	8	10	13	13	12	8	8	6	8	11
21	7	8	9	10	10	10	8	7	8	7	6	6	10	12	14
22	7	6	7	8	8	6	7	8	10	10	6	5	5	8	12
23	8	8	8	8	10	11	12	11	10	9	6	5	6	8	10
24	8	7	7	7	8	9	9	9	11	11	9	8	7	7	6
25	8	8	8	7	8	7	7	7	8	8	7	5	6	7	11
26	6	7	8	6	7	7	8	7	7	7	4	4	10	10	10
27	6	7	6	6	8	8	8	8	8	7	5	6	8	9	10
28	5	5	4	5	8	7	7	8	8	7	5	4	5	7	9
29	5	6	6	7	7	7	7	5	7	5	4	4	6	8	9
30	5	5	5	4	4	4	6	6	7	7	5	6	8	7	6
31	5	7	6	5	6	6	5	5	7	6	5	8	10	10	12
Mean	7.1	7.9	8.7	9.6	10.5	10.8	11.1	11.2	11.5	10.7	9.2	8.3	8.2	8.7	9.8

WIND VELOCITY, 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER. (IN MILES PER HOUR.)

Hours.									Mean.	Mean by R. - Beckleys anemo- graph.	Maximum.		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24			Time.	Mag.	Time.	Mag.	
											H. M.		H. M.		
12	12	10	7	6	5	6	7	8	8.0	4.7	16 20	17	9 40	4	1
11	10	8	6	5	3	6	10	9	7.9	4.4	15 55	14	21 0	2	2
8	9	8	7	7	6	5	6	7	7.4	4.0	2 4	12	22 12	3	3
12	12	14	13	13	10	10	8	8	8.9	5.1	17 47	18	2 15	3	4
13	16	14	12	12	10	7	6	7	9.1	5.2	16 12	20	8 0	4	5
12	14	15	15	13	10	8	6	6	9.1	5.0	16 35	20	6 57	4	6
13	14	14	12	10	8	7	8	8	8.2	4.7	17 12	18	12 30	4	7
11	11	12	11	10	8	6	7	9	8.2	4.6	5 11	18	7 30	2	8
7	7	5	6	9	7	7	7	8	8.8	5.0	12 30	30	17 56	3	9
18	20	20	18	16	12	11	8	7	12.2	7.6	16 14	28	11 45	5	10
14	17	16	17	11	10	10	10	10	10.8	6.4	16 13	22	12 55	4	11
10	13	13	12	11	13	10	9	9	11.6	7.7	13 40	21	1 35	6	12
10	10	12	7	6	6	6	10	10	8.2	4.9	18 23	19	19 4	4	13
7	5	4	4	8	10	8	6	5	9.7	6.2	8 26	28	18 3	2	14
10	10	11	12	11	10	8	6	6	7.6	4.5	18 50	16	11 17	2	15
13	17	16	15	13	10	10	10	7	9.0	5.3	17 2	22	10 50	1	16
15	13	11	10	9	10	8	10	6	8.3	5.0	15 20	19	7 30	4	17
12	10	10	12	12	11	10	9	10	9.5	5.6	18 45	28	7 7	4	18
14	15	14	15	14	9	6	4	5	9.9	5.7	18 26	20	22 15	4	19
11	12	12	12	12	7	6	7	6	8.4	4.8	17 50	16	10 54	4	20
10	11	10	10	7	6	6	5	5	7.0	3.7	16 30	14	11 40	3	21
13	12	16	17	15	14	9	8	9	9.5	5.6	18 3	24	9 37	4	22
11	10	15	12	12	11	12	10	6	9.5	5.7	17 10	19	11 30	4	23
13	14	13	14	15	10	7	7	7	9.0	5.4	19 15	20	0 55	3	24
10	10	9	9	8	7	6	6	6	7.9	4.5	14 2	16	22 50	4	25
14	15	15	16	16	16	10	10	12	10.8	6.8	19 35	23	12 25	5	26
16	17	16	14	12	11	12	10	12	11.9	7.5	16 45	24	8 45	5	27
14	16	17	16	15	15	12	9	10	11.4	7.1	18 35	22	8 54	4	28
16	16	18	17	17	16	11	10	10	13.3	8.4	16 50	24	10 55	5	29
13	12	13	13	12	9	6	7	8	9.4	5.4	18 7	19	2 55	5	30
12.1	12.7	12.7	12.0	11.2	9.7	8.2	7.9	7.9	9.4	5.5					Mean.

DECEMBER.

14	12	9	8	8	10	12	11	6	10.3	6.0	14 26	20	12 7	4	1
13	14	16	16	15	13	10	9	10	11.5	7.2	16 40	22	1 15	4	2
9	15	17	14	13	11	7	6	4	9.9	5.9	17 20	24	23 25	4	3
9	10	10	12	13	10	6	8	7	9.4	5.9	7 45	17	1 39	3	4
11	11	12	12	12	11	9	6	6	11.3	7.7	7 46	18	23 46	5	5
8	9	15	13	15	12	7	7	10	12.0	8.0	9 55	24	0 0	5	6
8	8	8	13	10	11	13	11	14	14.0	10.1	9 45	27	15 33	6	7
8	11	12	13	12	11	12	10	8	14.4	10.6	9 20	24	14 45	6	8
10	11	10	13	15	14	13	8	7	11.0	6.9	19 5	21	23 0	5	9
13	12	10	8	6	6	5	9	9	8.5	5.0	15 16	17	10 36	3	10
15	16	15	16	12	11	7	7	6	11.9	8.1	16 37	22	12 40	4	11
13	12	14	15	15	11	7	8	8	9.6	6.2	19 20	20	10 16	2	12
14	15	14	13	10	10	6	7	7	9.8	6.1	16 35	20	1 53	5	13
8	12	12	14	13	11	8	7	7	10.8	7.0	11 5	24	1 15	4	14
8	9	10	11	11	12	11	8	7	10.0	6.3	5 42	18	12 40	2	15
11	11	10	13	13	11	9	6	8	9.6	5.8	18 45	18	10 25	4	16
12	13	12	13	11	10	8	8	6	10.0	6.0	6 15	20	1 0	5	17
7	9	10	9	10	12	12	11	6	9.5	5.8	8 15	16	12 55	5	18
8	9	10	6	7	6	7	6	6	9.2	6.0	10 15	20	14 15	5	19
13	14	15	15	14	15	10	6	6	10.2	6.5	18 40	21	12 20	5	20
18	17	18	18	19	16	11	9	6	11.0	7.0	15 55	26	11 25	4	21
14	15	18	18	14	9	7	7	7	9.3	5.6	18 3	25	11 13	4	22
10	10	11	15	14	12	11	9	9	9.6	5.7	18 57	18	11 3	3	23
8	11	11	11	8	8	6	4	5	8.1	4.7	15 34	14	22 25	3	24
12	11	11	8	6	5	6	8	8	7.8	4.8	15 50	16	12 0	4	25
11	13	12	10	10	8	5	6	5	7.8	5.2	16 10	17	11 27	3	26
10	10	10	8	6	5	4	5	6	7.3	4.7	15 33	13	9 21	3	27
10	9	8	7	6	5	5	5	6	6.5	3.8	14 55	14	20 45	4	28
9	11	9	6	6	5	5	5	6	6.5	3.7	16 40	13	7 43	4	29
7	8	8	8	8	9	9	7	5	6.4	3.5	16 55	12	5 2	4	30
12	12	14	16	17	12	7	7	4	8.5	4.7	19 40	25	23 20	4	31
10.7	11.6	12.0	12.0	11.3	10.1	8.2	7.5	6.9	9.7	6.1					Mean.

JANUARY. (Averages for periods of sixty minutes from full hour to full hour of local mean time.)

Date.	Hours.											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	E	E	ENE	ENE	E	NE	N	ENE	ENE	NE	NE	ENE
2	NE	ENE	Calm	ENE	E	NNE	N	NE	ENE	ENE	ENE	ESE
3	NE	ENE	ENE	ENE	N	NNE	N	NE	ENE	ENE	ENE	ENE
4	N	N	NE	NNE	N	ENE	NE	NE	ENE	NE	ENE	ENE
5	NNW	N	N	N	N	N	N	N	N	N	N	NNW
6	N	N	N	NE	E	E	ENE	ENE	ENE	NE	NNW	NNW
7	N	N	N	N	N	N	N	N	NNE	NE	NE	NE
8	NNE	NNE	NE	NE	NE	NNE	NE	ENE	E	E	ENE	ENE
9	ENE	NE	NNE	N	NE	NE	NE	NE	NE	NE	NE	ENE
10	Calm	E	ESE	NE	NE	NE	NE	ENE	ENE	ENE	Calm	WSW
11	N	N	N	NNE	N	N	N	N	N	N	N	NNW
12	N	N	N	N	N	N	N	NE	E	ESE	Calm	W
13	NE	NE	NE	NNE	N	NNE	NNE	N	N	N	ESE	NW
14	NE	N	NNE	N	N	N	N	N	N	N	N	NW
15	N	ENE	E	E	E	ENE	ENE	ENE	ENE	NE	NE	ENE
16	N	NNE	NE	ESE	E	Calm	NE	E	ESE	ESE	WNW	WNW
17	N	NNE	NE	E	E	E	ESE	ESE	ESE	ESE	SE	SE
18	NW	NW	NW	NW	NW	NW	WNW	WNW	NW	NW	NNW	NNW
19	NNE	E	E	E	ENE	ENE	E	ENE	ESE	ENE	E	N
20	NE	ENE	ESE	ESE	ESE	ESE	ESE	ESE	ENE	ENE	ENE	ENE
21	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NE	ENE	NNW	NNW
22	NNE	NNE	NNE	NNE	NNE	NNE	N	NNE	NE	NE	NE	NNW
23	N	N	N	N	NNE	NNE	NNE	NNE	NNE	NE	NE	NE
24	E	ENE	ENE	E	ENE	ENE	ENE	E	E	ENE	ENE	NE
25	NE	E	NE	NE	ENE	ENE	ENE	ENE	ENE	E	ENE	ENE
26	N	N	N	N	N	N	NE	NE	ENE	ENE	ENE	NW
27	N	N	N	N	N	N	NE	NE	NE	ENE	NW	NW
28	N	N	N	NE	NE	NNE	NE	NE	NE	NE	NNW	NNW
29	N	N	N	N	N	N	N	N	NNE	NNE	NW	NW
30	N	N	NNE	NNE	NNE	NNE	NNE	NE	ENE	ENE	NNW	NNW
31	ENE	N	NE	N	N	NE	NNE	NE	ENE	ENE	ENE	NW
Mean	NNE	NNE	NNE	NE	NE	NE	NE	NE	NE	NE	NNE	N

FEBRUARY.

1	N	N	ENE	ENE	NNE	NE	NE	NE	NE	NE	NE	NW
2	ESE	NNW	NNW	N	N	NE	NE	NE	ENE	ENE	NNW	NW
3	NW	N	N	N	N	N	NE	NNE	NE	NE	NE	NW
4	NNW	N	N	N	N	N	N	N	NE	ENE	ENE	WNW
5	NE	NE	NE	NE	NE	NE	NE	NE	ENE	ENE	NNW	NNW
6	NNW	NNW	NE	NE	E	ENE	ESE	ENE	ESE	ESE	ESE	WNW
7	NNE	NNE	N	NNE	NNE	NNE	N	NNE	NE	NE	NNW	NNW
8	N	NNE	NE	NE	NE	E	E	ESE	ESE	ENE	WNW	NW
9	N	NNE	NNE	NE	NNE	NNE	NNE	N	NE	ENE	N	NW
10	W	WNW	NW	ENE	NE	NNE	NE	NE	ENE	ENE	NNW	NNW
11	NNW	NNW	NNW	NNW	NNW	NNW	NNE	NNE	N	N	NNW	NNW
12	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NNW	NNW
13	N	N	N	N	N	N	N	NNE	NE	N	NNW	NNW
14	N	N	NNE	NE	N	NE	NNE	NE	NE	ENE	ENE	NW
15	NNE	NNE	ENE	N	NE	N	NE	NE	ENE	ENE	ENE	NW
16	NNW	N	N	N	N	N	N	N	N	NNW	NNW	NW
17	N	N	N	N	N	N	NNE	N	N	NNW	NNW	NNW
18	N	N	NNE	N	N	N	N	N	N	NNW	NNW	NNW
19	N	N	N	N	NNE	NNE	NNE	NE	NE	NE	ENE	NW
20	N	N	N	NE	NNE	NNE	NE	ENE	NE	NE	NE	NW
21	N	N	N	N	NNE	NNE	NNE	NE	NE	NE	NNE	NW
22	N	Calm	E	E	NE	Calm	Calm	Calm	Calm	NE	NE	NW
23	N	NE	NNE	NNE	NW	Calm	NE	NE	Calm	WNW	NW	NW
24	NNE	NE	NE	NE	NE	NE	NE	ENE	ENE	NE	W	NW
25	SE	SE	SE	SE	SE	ESE	SE	E	E	SE	SE	SSW
26	SSE	SSE	SE	SE	SE	ESE	ESE	ESE	SE	SSE	SSW	SSW
27	NW	NNW	NNW	N	NNE	ENE	NNE	ENE	N	N	NNW	NW
28	NW	NNW	NW	NNW	NE	NE	ENE	ENE	E	ENE	E	NW
Mean	N	N	NNE	NNE	NNE	NNE	NE	NE	NE	NE	N	NW

DIRECTION OF WIND, 1925.

43

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY.

Hours.												Mean	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
WNW	WNW	NW	NW	NW	NNW	NNW	N	N	N	NNE	N	NNE	1
WNW	NW	NW	NW	NNW	NNW	N	N	N	N	NE	NE	N	2
NW	NW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	3
NNW	NNW	NNW	N	N	N	N	N	N	N	NE	NNE	N	4
NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNW	NNW	NW	NNW	NNW	5
NNW	NNW	NNW	NNW	NW	NNW	NNW	NNW	N	N	NNE	NNE	N	6
NE	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	NE	NE	N	7
ENE	WNW	WNW	NW	NW	NNW	NNW	NW	N	NE	ENE	E	NNE	8
WNE	NW	NW	NW	NW	NNW	NNW	NNW	N	NE	N	NE	N	9
W	W	WNW	NW	NW	NNW	NNW	NNW	N	N	N	N	N	10
NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	11
WNW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	ENE	NNW	12
NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNE	NNE	NE	NNW	13
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	14
WNW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	15
WNW	NW	NW	NW	NW	NW	NNW	NNW	N	N	NNE	NNE	NNW	16
SSE	SSW	SW	WSW	WSW	S	S	S	NNW	NW	NW	NW	E	17
NNW	N	N	NNW	NNW	NNW	NNW	N	N	NNE	NNE	NNE	NNW	18
NNW	NW	NNW	N	N	N	N	N	NNW	NNW	NNW	NE	NNE	19
ENE	NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NE	20
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	NNE	NNE	N	21
NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	NNE	NNE	N	22
NNE	N	NW	NNW	NNW	N	N	N	N	NNE	N	ENE	N	23
NE	ENE	WNW	NW	NW	NNW	NNW	NNW	N	N	N	N	NE	24
E	N	WNW	WNW	NW	NW	NW	NNW	NNW	N	N	N	NNE	25
NW	NW	NW	NW	NNW	NNW	NNW	N	NNW	NNW	NNW	N	NNW	26
NW	NW	NW	NW	NW	NNW	NNW	N	N	NNW	NNW	NNW	NNW	27
NNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNW	28
WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	29
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	30
NW	NNW	NNW	NNW	NNW	NNW	NNW	N	NNW	N	NNE	N	N	31
NNW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	Mean

FEBRUARY.

NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	ENE	ENE	N	1
NW	NW	NNW	NNW	NW	NNW	NNW	NNW	NNE	NNE	ENE	ESE	N	2
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	3
WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	NE	NNW	4
NNW	NW	NW	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NNW	NNW	5
WNW	WNW	WNW	WNW	NW	NNW	NNW	NNW	NNW	NNW	NNE	NNE	NNW	6
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	N	7
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	NNW	N	NNE	N	8
NW	NW	NW	NW	NW	NNW	NNW	NNW	WNW	WNW	WNW	W	NNW	9
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NNW	10
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	11
NNW	NNW	NNW	NNW	N	N	N	N	N	N	N	N	N	12
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	13
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	14
NW	NNW	NW	NW	NNW	NNW	NNW	NNW	N	NNW	NNW	NW	NNW	15
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	16
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	17
NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	18
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	19
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	20
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	N	21
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	22
NW	NW	NW	NNW	NNW	NNW	N	N	N	NNE	ENE	E	NNW	23
NW	NW	NW	NNW	NNW	NNW	NW	N	N	E	ESE	SE	N	24
SW	SW	WSW	WSW	WSW	SW	SSW	SSW	SSW	SSW	S	S	S	25
WSW	W	WNW	WNW	NW	NW	NW	WNW	WNW	Calm	SW	SSW	SSW	26
NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	27
NW	NW	WNW	NW	NW	NW	NW	NW	NNW	N	N	NNE	NNW	28
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	Mean

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH.

Date.	Hours.											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	N	N	N	N	N	N	NNE	NE	ENE	ENE	NNW	NNW
2	NNE	N	N	N	N	NNE	ENE	E	NE	ENE	NE	NW
3	ENE	NE	NNE	NE	NE	NE	NE	ENE	ENE	NE	ENE	ENE
4	NNW	NNW	ESE	SE	ESE	SE	SE	E	ENE	ENE	NE	ESE
5	NE	NE	E	ESE	ESE	ENE	ENE	ENE	ENE	NE	NE	ENE
6	NNE	ESE	N	NNW	E	NE	ENE	ENE	E	ESE	NE	S
7	NW	NNW	N	N	N	N	SE	N	ENE	ENE	NE	NE
8	NNW	NNW	N	N	N	NNE	NE	ENE	ENE	ENE	ENE	NW
9	NW	NNW	NNW	N	N	Calm	Calm	Calm	Calm	NW	NW	NNW
10	WNW	WNW	WNW	ESE	ESE	ESE	E	ENE	E	Calm	WNW	WNW
11	SW	SW	W	SW	SW	SE	SE	ESE	SE	ESE	SE	WNW
12	Calm	SSW	SSW	ESE	ESE	ESE	SE	SE	ENE	ESE	ESE	NW
13	N	N	N	NNE	NNE	NNE	NE	NNE	E	E	NW	NW
14	N	Calm	S	W	NW	W	Calm	Calm	Calm	Calm	WNW	NW
15	ESE	NE	N	SW	NW	NE	ENE	SW	N	N	NNW	NNW
16	N	NE	NNE	N	N	NNE	NE	NNE	NE	ENE	ENE	NW
17	NNE	N	N	N	N	NNE	N	ENE	ESE	ESE	E	WNW
18	WSW	SSW	SW	W	W	ESE	ESE	ESE	ENE	ENE	E	WNW
19	NW	NW	NNW	NNW	NE	W	NNW	N	NE	ENE	W	WNW
20	NNW	N	Calm	SW	SW	SE	S	ESE	ESE	S	S	WSW
21	WSW	WNW	NW	NNW	NE	ENE	Calm	Calm	Calm	Calm	WSW	WNW
22	Calm	NNW	NNW	NNW	NNW	N	N	ESE	ESE	ESE	Calm	WNW
23	SW	SW	S	ESE	ESE	SE	SE	Calm	SE	Calm	W	WNW
24	NNW	N	NE	NNE	NE	ESE	SE	SE	SE	SSE	SSW	WSW
25	NNW	NNW	N	N	N	NE	ENE	ENE	Calm	NW	NNW	NNW
26	N	N	N	NE	NNE	N	NE	NNE	ENE	NNW	NNW	NNW
27	NNW	NNW	N	NE	NNE	SE	SSW	SSW	SSW	WSW	WSW	WSW
28	NNW	NNW	NNW	N	Calm	S	SSW	SSW	SSW	SSW	SSW	SW
29	N	NE	NE	ESE	ENE	N	Calm	Calm	Calm	Calm	WNW	NW
30	NNW	NNW	NNW	N	NNE	NNE	NNE	NNE	Calm	NNW	NNW	NNW
31	N	N	N	NNE	NE	NNE	NNE	NNE	NE	NNW	NNW	NNW
Mean	NNW	NNW	N	NNE	NE	ENE	E	E	E	ENE	NNW	NW

APRIL.

1	NNW	NNW	NNW	NNW	N	NNE	NNE	NNE	ENE	E	ENE	WNW
2	NNW	NNW	NNW	N	N	N	N	NNW	NNW	NNW	NW	NW
3	NNW	NNW	N	N	N	NE	E	ESE	NW	NNW	NW	NW
4	NNW	N	NE	N	SE	SE	SE	S	SSW	SW	SSW	W
5	S	S	SSE	SE	SW	SW	Calm	SE	SE	SSW	WSW	WSW
6	SW	SW	SSW	SSW	S	SSE	SSE	SSE	SE	ESE	WSW	WNW
7	WSW	Calm	Calm	Calm	SSE	S	S	SSE	S	SSW	SW	WSW
8	NNW	NNW	N	NE	NE	NE	SE	ESE	SE	SSW	SW	WSW
9	WNW	WNW	N	N	N	N	N	Calm	Calm	S	WSW	WSW
10	N	NNE	ENE	SSE	S	SSW	SSE	SSE	S	SSW	W	W
11	Calm	Calm	Calm	Calm	Calm	SE	ESE	Calm	SE	SE	WSW	WSW
12	N	N	NNE	NNE	SE	S	S	S	S	SSW	WSW	WSW
13	NW	NW	S	S	S	SSE	SSE	S	S	SSW	WSW	WSW
14	SSW	SSW	WSW	WSW	WSW	SSW	SE	SSE	S	SSW	WSW	WSW
15	SW	SW	SW	SW	WSW	WSW	SE	Calm	Calm	S	SSW	WSW
16	N	N	N	NE	E	E	ESE	SE	S	SSW	WSW	WSW
17	N	N	N	N	N	Calm	Calm	Calm	ESE	WSW	WSW	WSW
18	NW	NW	N	S	SW	S	S	WSW	W	W	W	W
19	W	WNW	NNW	N	N	NNE	NNE	NNE	NNE	NNW	WNW	WNW
20	NNW	N	NNE	NNE	NE	NE	ENE	ENE	W	WNW	WNW	WNW
21	N	N	NW	SSW	SW	SW	SSW	SSW	SSW	SSW	WSW	W
22	SW	SSW	SSW	SSW	SSW	SSW	SSE	S	S	SSW	SW	SW
23	NNW	S	S	S	SSW	SSW	S	SSW	SSW	SSW	SW	SW
24	W	W	W	NW	Calm	Calm	W	SE	SSW	SSW	SSW	SSW
25	SSW	SSW	SW	WSW	SW	SSW	SSE	S	SSW	SSW	SSW	SSW
26	SW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SW	SW	WSW
27	W	W	W	W	W	WNW	NW	SE	SE	SSE	WNW	WNW
28	WNW	WNW	WNW	WNW	NW	NNW	NNW	NNE	NNW	NNW	NW	NW
29	NW	NNW	NNW	NNW	NNE	NNE	NNE	NNE	N	NNW	NNW	NW
30	NNW	NNW	NNW	NNE	NNE	NE	NE	ENE	E	ESE	WSW	WNW
Mean	NW	NW	NW	WNW	SW	S	SSE	SSE	S	SSW	WSW	W

45

MARCH.

APRIL.

[illegible]

DIRECTION OF WIND, 1925.

47

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY.

[illegible]

JUNE.

[illegible]

DIRECTION OF WIND, 1925.

49

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY.

Hours.												Mean.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	1
W	W	W	W	W	W	W	W	W	W	WSW	W	W	2
W	W	W	W	W	W	W	W	W	W	WSW	WSW	W	3
W	W	W	W	W	W	W	W	W	W	W	W	W	4
W	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	W	5
W	WSW	WSW	WSW	SW	SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	6
W	W	W	W	W	W	W	W	W	W	WSW	WSW	W	7
W	W	W	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	8
W	W	W	W	W	W	W	W	WSW	WSW	WSW	W	W	9
WNW	W	W	W	WNW	W	WSW	WSW	WSW	W	WSW	WSW	W	10
W	W	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	11
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	W	W	WSW	12
W	W	W	W	W	W	W	W	W	W	W	W	W	13
WSW	WSW	WSW	WSW	W	W	W	W	W	W	W	WSW	WSW	14
SW	SW	SW	WSW	WSW	WSW	W	WSW	W	W	W	W	WSW	15
W	W	W	W	W	W	W	W	W	W	W	W	W	16
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	17
WSW	WSW	WSW	WSW	W	W	W	W	W	W	W	W	WSW	18
W	W	W	W	W	W	W	W	W	WSW	WSW	WSW	W	19
W	W	W	W	W	W	WSW	SW	SW	SW	SW	SW	WSW	20
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	SW	SW	SW	WSW	21
SW	SW	SW	SW	SW	SW	WSW	WSW	SW	SW	SW	SW	SW	22
WSW	WSW	WSW	WSW	WSW	SW	SW	SW	SW	SW	SW	SW	SW	23
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	24
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	25
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	26
WSW	WSW	WSW	WSW	W	W	WSW	WSW	W	WSW	WSW	WSW	W	27
W	W	W	W	W	WSW	WSW	WSW	W	WSW	W	W	W	28
W	WSW	WSW	W	W	W	W	W	WSW	WSW	WSW	WSW	W	29
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	30
WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	31
W	WSW	WSW	W	W	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	Mean.

AUGUST.

W	W	W	W	W	W	W	W	W	W	W	W	W	1
WSW	WSW	SW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	SW	SW	WSW	2
SW	WSW	SW	W	WSW	WSW	WSW	WSW	WSW	WSW	SW	SW	SW	3
W	W	W	W	W	W	W	W	W	W	W	W	W	4
W	W	W	W	WNW	W	W	W	W	W	WNW	W	W	5
W	WSW	WSW	W	W	WNW	W	W	W	SW	WSW	WSW	W	6
S	SSE	SW	SW	SSW	S	SW	S	S	SSE	SSE	SSE	SSW	7
SSW	SSW	SW	SW	SW	SW	SSW	SW	SSW	SSW	SSW	SSE	S	8
W	WSW	WNW	W	W	W	WNW	WNW	WNW	WNW	WNW	WNW	W	9
WNW	WSW	W	W	W	W	W	W	W	W	W	WSW	W	10
SW	SW	SW	SW	SW	SW	WSW	WSW	WSW	SW	SW	WSW	WSW	11
WSW	WSW	WSW	SW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SW	12
WSW	WSW	SW	SW	WSW	WSW	WSW	SW	SSW	SSW	WSW	WSW	SW	13
W	W	W	W	W	WNW	WNW	WNW	WNW	NW	W	W	W	14
W	W	WNW	WNW	WNW	WNW	W	W	SW	WNW	WNW	W	WSW	15
WNW	WNW	WNW	WNW	WNW	WSW	WNW	ENE	E	SE	SSE	SSW	W	16
WNW	WNW	WNW	WNW	WNW	W	W	W	W	W	WSW	W	WNW	17
WSW	W	W	WSW	W	WSW	W	W	WNW	W	W	W	W	18
WSW	WSW	W	W	WSW	W	W	WSW	WSW	W	W	WSW	W	19
W	W	W	W	W	W	W	W	W	W	W	W	W	20
W	W	W	W	W	W	W	W	W	W	W	W	W	21
W	W	W	W	W	W	W	W	W	W	W	W	W	22
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	W	W	WNW	23
W	W	W	W	W	W	WNW	WNW	W	WNW	WNW	W	W	24
W	W	WNW	W	WNW	WNW	W	W	W	WSW	WSW	WSW	W	25
WNW	WNW	WNW	WNW	WNW	W	W	W	W	W	W	W	W	26
W	W	WNW	W	WNW	W	W	W	W	W	W	W	W	27
W	W	W	W	W	W	WNW	W	W	W	W	W	W	28
W	W	W	WSW	W	W	W	WSW	SW	W	W	W	W	29
W	WSW	W	W	W	W	SW	SW	SW	SSW	SW	SW	WSW	30
WSW	WSW	WSW	W	W	WNW	W	WSW	WSW	WSW	WSW	WSW	WSW	31
W	W	W	W	W	W	W	W	W	W	W	WSW	W	Mean.

DIRECTION OF WIND, 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER.

Date.	Hours.											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	WSW	WSW	WSW	SW	SW	SW	SW	SW	SSW	SSW	WSW	WSW
2	WSW	W	W	WSW	WSW	WSW	WSW	WSW	SW	SW	WSW	W
3	SW	SSW	WSW	SE	WNW	WNW	WNW	W	W	WSW	W	WNW
4	WSW	WSW	WSW	SW	SW	SW	SW	WSW	SE	S	SSW	SSW
5	WSW	WSW	W	W	ESE	SE	NNW	E	E	ESE	ESE	SE
6	W	WSW	W	WSW	W	WSW	W	WSW	NNW	N	ESE	SSE
7	WSW	W	WNW	W	WSW	WSW	WSW	W	W	W	W	W
8	W	W	WSW	WSW	SW	NW	W	WSW	WSW	W	W	W
9	SSW	W	WSW	WSW	WSW	W	W	W	W	WSW	WSW	WSW
10	S	S	SW	SSE	SSE	WNW	NW	ENE	ENE	E	ENE	SE
11	SSE	S	SSE	SE	SE	ESE	ESE	ESE	ESE	SE	SE	W
12	W	W	WSW	WNW	WNW	SE	SE	SE	WSW	SE	ESE	WNW
13	SE	SE	SSE	SSE	SSE	SSE	S	S	W	WNW	W	W
14	WSW	WSW	WSW	WSW	WSW	SW	SW	WSW	W	W	W	W
15	W	W	W	W	W	WNW	WNW	WNW	WNW	WNW	WSW	SSW
16	W	W	WNW	WNW	WNW	WNW	SE	SE	SE	NW	NW	NW
17	WNW	NW	NW	SE	ESE	ESE	E	ESE	E	E	SE	W
18	NNW	NE	NE	ENE	ENE	NE	NE	ENE	E	ESE	SE	WNW
19	NW	NW	NW	NW	NNE	NNE	NE	NE	N	N	NNW	NNW
20	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	NW	NW
21	NNW	NE	NNE	N	NNW	NNW	NNW	NNW	NW	NNW	NW	NW
22	NNW	NNW	NNW	NNW	NNW	NE	NE	E	E	SE	WNW	WNW
23	WNW	WNW	WNW	WNW	WNW	ENE	E	E	E	E	WNW	WNW
24	NNE	NNE	NNE	NE	NNE	NNE	NE	NE	ENE	NNE	NW	NW
25	N	N	NNW	N	NNE	NNE	NNE	NNE	ENE	ENE	NNW	NW
26	NW	NW	NNW	NNW	N	NE	E	ENE	ESE	ESE	W	WNW
27	NNW	E	E	ESE	ESE	ENE	E	E	E	NE	NE	E
28	S	SSW	S	S	ESE	E	ENE	ENE	ENE	ENE	ENE	E
29	W	E	W	S	SSE	SSE	SE	SE	ESE	ESE	SE	SSW
30	NE	NE	NE	E	E	ENE	ESE	ESE	ESE	ENE	E	SE
Mean.	WSW	W	W	WSW	SSW	WNW	SSE	ESE	ESE	WNW	W	W

OCTOBER.

1	S	S	S	ESE	SE	ESE	ESE	E	E	E	E	E
2	ESE	SE	S	S	SE	ESE	E	ENE	ENE	ENE	ENE	NW
3	SSE	SW	N	N	NNE	NNE	NE	NE	NE	ENE	ENE	ENE
4	ESE	ESE	E	E	NNE	NE	NE	E	ESE	ESE	ENE	ENE
5	SE	E	E	N	NE	NNE	ESE	E	ENE	ENE	NE	WNW
6	NW	NW	NW	SE	ESE	ESE	ESE	ESE	ESE	SE	SSW	SW
7	SE	SE	SE	ESE	ESE	E	ENE	ENE	ENE	ENE	ENE	E
8	SE	ESE	ESE	ESE	E	E	ESE	ESE	ESE	ESE	ESE	SE
9	ESE	ESE	S	E	ENE	NE	N	N	N	ENE	ENE	ENE
10	ESE	ESE	E	ENE	NE	ENE	E	ESE	SE	SSE	WSW	WSW
11	ESE	ESE	NNE	E	NE	E	E	ENE	ENE	ENE	ENE	ENE
12	SE	SE	E	E	E	ESE	ESE	ESE	E	ESE	WNW	WNW
13	SSW	S	SSE	SSE	SSE	SSE	ESE	ESE	E	E	SE	S
14	SE	SSE	SSE	SSE	SE	SSE	SE	SSE	SE	ESE	ESE	SW
15	SW	S	SSE	S	SSE	SE	SE	ESE	SE	S	SSW	SSW
16	SW	WSW	WSW	WSW	ESE	SE	SE	SE	S	S	SSW	SSW
17	SSW	SSW	S	SSE	SSE	SSE	SSE	S	S	S	SSW	SSW
18	SSW	SSW	SSW	SSW	SSE	SSE	SSE	SSE	S	S	S	SSW
19	WSW	ESE	ESE	ESE	ENE	E	ESE	ENE	ENE	ENE	ESE	W
20	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NE	ENE	ENE	NW
21	SE	SE	E	ENE	ENE	NE	NE	E	ENE	ENE	ENE	NNW
22	SE	E	E	NE	NE	NE	NE	ENE	ESE	ENE	E	SE
23	E	ENE	NE	NE	NE	ENE	ENE	E	E	ENE	ENE	ENE
24	NNE	NNE	NE	NE	ESE	ESE	SE	E	ENE	ENE	ENE	ENE
25	NE	NE	NE	NE	NE	ENE	ENE	NE	NE	ENE	ENE	SE
26	ESE	ESE	ESE	SE	ESE	ENE	FSE	ESE	ESE	ENE	SE	NW
27	ESE	NNE	NE	NE	E	ENE	E	E	ENE	E	E	ENE
28	ESE	ENE	ENE	NE	ENE	ENE	NE	NE	ENE	ENE	ENE	ENE
29	E	E	ENE	ENE	ENE	ENE	E	NE	N	ENE	SE	SE
30	NE	ENE	ENE	ENE	E	ENE	ESE	E	NE	SE	SE	SSE
31	ENE	ENE	E	NE	SE	SE	NE	E	E	ENE	SE	WSW
Mean.	ESE	ESE	ESE	ESE	E	E	ESE	E	E	ESE	ESE	SSW

DIRECTION OF WIND, 1925.

51

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER.

Hours.												Mean.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
SW	WSW	WSW	W	W	W	W	W	W	WSW	W	WSW	WSW	1
W	W	W	WSW	WSW	WSW	W	W	WNW	NW	WNW	WNW	W	2
W	SW	W	W	W	W	W	WSW	WSW	WSW	WSW	WSW	W	3
WSW	WSW	WSW	WSW	WSW	WSW	W	W	WSW	WSW	W	WSW	SW	4
WNW	WNW	NW	NNW	WNW	WNW	W	W	W	W	WSW	WSW	W	5
N	NW	W	WNW	W	W	W	W	W	W	W	WSW	W	6
WSW	WSW	SW	W	WSW	WSW	WSW	W	W	W	W	W	W	7
W	W	WSW	WSW	SW	SW	SW	SW	WSW	WSW	WSW	SW	WSW	8
WSW	W	W	W	W	NW	SW	SSW	SSW	SSE	SSW	S	WSW	9
SSE	S	S	SSW	SW	SSE	SE	SE	SSE	SSE	S	SE	SSE	10
W	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	SW	11
WNW	WSW	WNW						ESE	ESE	ESE	ESE	SE	12
W	W	W	W	WNW	W	W	WSW	WSW	SW	NW		SW	13
W	W	W	W	W	W	W	W	W	W	W	W	W	14
SSW	W	W	W	W	W	W	NW	W	W	W	WSW	W	15
NW	WNW	WNW	WNW	WNW	WNW	NW	WNW	WNW	WNW	WNW	W	WNW	16
W	WNW	WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NNW	NW	17
WNW	WNW	WNW	WNW	NW	NW	NW	NW	NW	NW	NW	NNW	NNW	18
NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	19
NNW	NNW	NNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	20
WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NNW	NW	21
WNW	WNW	WNW	NW	NW	WNW	WNW	NW	NW	NNW	NNW	WNW	NW	22
WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	N	N	NNE	NNW	23
NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	NNW	24
NW	NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	25
WNW	WNW	NW	NW	NW	NW	NNW	ESE	ESE	ESE	NE	N	N	26
WSW	SW	WSW	WSW	WSW	SW	SSE	NNE	N	ESE	SE	SE	E	27
WNW	NW	WNW	NW	NW	NW	NW	NW	NW	W	SE	SSE	NNW	28
WSW	W	W	WNW	NW	E	SE	ESE	SE	ESE	SSE	SSE	SE	29
NW	WNW	WNW	WNW	NW	NNE	E	S	SSW	S	S	SE	ESE	30
WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	W	W	WNW	W	WNW	Mean.

OCTOBER.

NW	NW	NW	NW	NW	NW	NNW	NNW	NW	SSW	SW	ESE	E	1
NW	NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNE	2
ENE	WNW	WNW	NW	NW	NW	NNW	N	NNE	NNE	NE	ESE	NNE	3
W	WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	N	NNW	SE	N	4
W	WNW	WNW	NW	NW	NNW	NNW	NW	NW	WNW	NW	NW	N	5
W	WNW	WNW	WNW	WNW	WNW	NNW	NNW	NNW	NW	NW	NW	WNW	6
WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	NNW	S	N	SSE	NNE	7
W	WNW	WNW	WNW	NW	NNW	NNW	N	NE	ENE	ENE	E	ENE	8
ENE	WNW	NW	WNW	WNW	NW	SE	ESE	ESE	ESE	ENE	ENE	ENE	9
W	WNW	WNW	NW	NW	WNW	WNW	WNW	SSW	S	ESE	ESE	E	10
NW	WNW	WNW	NW	NNW	NNW	NNW	N	NNW	NNW	N	ENE	N	11
NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	Calm	ESE	N	12
W	W	W	W	WNW	WNW	WNW	NW	WNW	W	WSW	SE	SSW	13
SW	WSW	WSW	WSW	WSW	W	W	W	W	W	SW	SSW	S	14
SW	SW	SW	WSW	W	WNW	WNW	WNW	WNW	WNW	SW	WSW	SSW	15
SSW	SW	SW	SW	SW	SW	SSW	SSW	SSW	SSW	SSW	SSW	S	16
SSW	SSW	SSW	SSW	SSW	SSW	SSW	SSW	SW	SW	SW	SW	SSW	17
SSW	SSW	SW	SSW	SW	SW	SW	SW	SW	SW	WSW	WSW	S	18
NW	NW	WNW	WNW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	19
NW	NW	NW	NW	NNW	NNW	NNW	NNW	NNE	NE	N	ESE	N	20
NW	NW	WNW	WNW	NW	NW	NW	NW	SSE	S	S	SE	NNW	21
SSW	W	W	WNW	NW	ENE	ESE	E	ENE	ESE	SE	SE	E	22
E	SE	NW	NW	NW	NW	NW	NNW	NNW	NNE	ENE	NE	NNE	23
SW	WNW	WNW	WNW	WNW	NW	NW	NNW	NNW	NE	NE	ENE	NNW	24
NW	NW	NW	NW	NNW	NNW	N	N	NE	NE	ESE	ESE	NNE	25
WNW	NW	NW	NW	NNW	NNW	N	N	NNE	N	NNE	NE	NNE	26
WNW	WNW	NW	NW	NNW	NNW	NNW	N	NE	NNE	E	ESE	NNE	27
WNW	WNW	WNW	WNW	WNW	WNW	NW	NNW	NNE	NE	ESE	E	NNE	28
WSW	WSW	W	W	WNW	WNW	NW	NNW	N	NNE	NE	E	NE	29
S	W	WNW	WNW	NW	NW	NW	NNW	NE	NE	E	ENE	NE	30
WNW	WNW	W	WNW	WNW	WNW	WNW	NW	N	NE	NE	ENE	N	31
W	WNW	WNW	WNW	NW	NW	NW	NNW	N	SSE	E	ESE	NE	Mean.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER.

Date.	Hours.											
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12
1	ENE	ENE	NE	NE	NE	E	ENE	ESE	ESE	ENE	ENE	WNW
2	ENE	ENE	NE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE
3	ESE	E	E	E	NE	NE	NE	ENE	ENE	ENE	E	ESE
4	ESE	ESE	NE	NE	NNE	NE	ENE	ENE	ENE	NE	ENE	ENE
5	NE	NE	N	N	NNE	ENE	ENE	E	ENE	ENE	NW	NW
6	NNE	NE	NE	NNE	NNE	NNE	NNE	ENE	ENE	ENE	ENE	WNW
7	ENE	NE	NNE	N	NNE	N	ENE	ENE	ENE	E	ESE	E
8	ENE	ENE	NNE	NNE	NNE	ESE	E	ENE	ENE	ENE	ENE	ESE
9	ESE	ESE	NE	NE	SSW	WSW	NE	ENE	ENE	ESE	ESE	ESE
10	NNE	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	NE	ENE	NE
11	NE	NE	ENE	NE	ENE	ENE	ENE	E	ENE	ESE	ESE	E
12	NNE	NNE	NE	NE	NNE	NNE	NE	NE	ENE	ENE	ENE	ENE
13	NNE	NNE	NNE	NNE	NNE	NNE	N	NE	NE	ENE	ESE	ESE
14	S	S	S	S	S	S	S	S	SSW	S	SSE	S
15	ENE	ENE	N	NNE	E	E	N	ESE	ESE	SE	SE	WSW
16	NE	NE	NNE	NNE	NE	NE	ENE	N	NE	ENE	ENE	NW
17	NNE	NE	NNE	NNE	N	N	NNE	NE	NE	NE	NE	ENE
18	ENE	NE	NE	NNE	N	N	ENE	ENE	ENE	ENE	NE	ENE
19	NE	NE	ENE	ENE	ENE	ENE	ENE	ENE	NE	ENE	ENE	E
20	NE	NE	N	NNE	N	NNE	NE	ENE	ENE	ENE	ENE	ENE
21	NNE	NNE	NE	ENE	NNE	NNE	NNE	ENE	ENE	ENE	ENE	E
22	ENE	NE	NE	NNE	NE	NNE	NNE	NNE	ENE	ENE	E	E
23	NNE	NE	ESE	NE	NNE	E	ENE	NE	ENE	ENE	ENE	ENE
24	ESE	NE	NE	ENE	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE
25	NE	E	NE	NE	ENE	ENE	ENE	ENE	E	SE	ESE	E
26	E	ENE	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE	ENE	NE
27	NE	NNE	NE	NE	NE	ENE	ENE	E	ENE	NE	NE	NE
28	NNE	NNE	NE	NNE	NNE	NNE	NE	E	NE	NE	NE	NNE
29	NE	NE	NE	NE	NE	ENE	NE	NE	NE	NE	NE	NNE
30	N	NNE	NE	NE	NE	NE	NE	ENE	ENE	ENE	NE	NE
Mean.	ENE	NE	NE	NE	NE	NE	ENE	ENE	ENE	ENE	ENE	NE

DECEMBER.

1	NNE	ENE	FNE	ENE	ENE	ENE	ENE	ENE	NE	NE	NE	ENE
2	N	ESE	ESE	ESE	ENE	ENE	ENE	E	ENE	NE	NE	NNE
3	ENE	FNE	ENE	NE	ENE	ENE	ENE	NE	NE	NE	NE	ENE
4	N	NNE	ESE	ENE	E	E	ENE	ENE	ENE	ENE	ENE	ESE
5	ESE	SE	ESE	ENE	ENE	ENE	ENE	ENE	E	ENE	ESE	ESE
6	NE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	E	E	ESE
7	FNE	NE	NE	ENE	ENE	ENE	E	E	E	E	E	E
8	ESE	E	E	E	E	E	E	E	ENE	ENE	ENE	ENE
9	NE	NE	ENE	ENE	ENE	ENE	NE	ENE	ENE	ENE	ENE	ENE
10	N	NE	NNE	ENE	ENE	E	ESE	ESE	ESE	FNE	E	NW
11	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SE	SE	SE
12	NNE	NNE	SE	ESE	ESE	ESE	ESE	E	ENE	ENE	ENE	ENE
13	NE	ESE	ESE	ENE	ENE	ENE	E	ESE	E	ESE	ESE	SE
14	ESE	ESE	ESE	E	ESE	ENE	E	ESE	ESE	ESE	ESE	SE
15	E	ESE	ENE	ENE	ENE	E	E	ESE	E	ENE	E	ENE
16	ENE	NE	ENE	NE	NE	ENE	ENE	ENE	E	ESE	ENE	NE
17	ENE	NE	E	ENE	NE	NE	ENE	NE	NE	NE	NE	NE
18	NE	ENE	NNE	NNE	NNE	ENE	E	E	ENE	E	E	ENE
19	N	NE	ENE	E	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE
20	ESE	NE	ENE	ENE	NE	ENE	E	ENE	ENE	ENE	NE	NE
21	ESE	ESE	ESE	ESE	ESE	E	NE	NE	NE	NE	ENE	NW
22	NNE	NNE	NNE	NNE	NE	NE	ENE	ENE	NE	NE	ENE	E
23	NNE	NNE	ESE	E	E	E	ENE	ENE	ENE	ENE	ENE	ENE
24	NNE	NE	NE	NE	NNE	ENE	ENE	ENE	ENE	ENE	NE	NE
25	E	ENE	ESE	ESE	ENE	E	ESE	ESE	E	E	ESE	ESE
26	ESE	E	E	ENE	ENE	E	ENE	E	ENE	E	E	WNW
27	E	E	E	E	ENE	ENE	ENE	E	NE	NE	ENE	WNW
28	ESE	ESE	Calm	NE	ESE	ESE	ESE	ESE	ESE	ESE	ENE	ENE
29	NE	NE	NE	NE	NE	ENE	ENE	NNE	SE	E	E	ESE
30	NNE	NNE	ENE	E	ENE	ENE	E	ENE	NE	NE	NE	NE
31	NNE	N	NNE	N	N	NNE	N	NNE	NNE	NE	NE	WNW
Mean.	ENE	ENE	E	ENE	ENE	ENE	E	E	ENE	ENE	E	E

DIRECTION OF WIND, 1925.

53

NOVEMBER.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

Hours.												Mean.	Date.
12—13	13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		
WNW	W	W	W	WNW	WNW	NW	NW	NNE	NE	ENE	ENE	NNE	1
SSE	WSW	W	W	W	W	W	W	W	ESE	ESE	ESE	ENE	2
SE	SSW	SW	SW	W	W	NW	NW	NNW	N	ESE	ESE	E	3
WNW	WNW	NW	NW	NW	NW	NNW	NNW	N	N	NNE	NNE	N	4
NW	NW	NW	NW	NNW	NNW	NNW	N	N	NNE	NNE	NNE	N	5
WNW	WNW	NW	NW	NW	NW	NNW	NNW	NNW	NE	NE	NE	N	6
WSW	WSW	W	WNW	WNW	WNW	WNW	NW	N	NE	ENE	ENE	NNW	7
W	W	WNW	W	W	WNW	NW	NNW	N	N	NE	E	NNE	8
SW	SW	SW	S	S	SSW	NW	NW	NNW	NNE	NNE	NNE	ESE	9
ENE	WNW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	NNE	NNE	10
NE	NW	NW	NW	NNW	NNW	NNW	NNE	NNE	NE	NE	NE	NE	11
ESE	ESE	ESE	ENE	ENE	N	N	NE	NE	NNE	NNE	NNE	ENE	12
ENE	ENE	NE	NE	NNW	NNW	N	N	NNE	NE	E	E	NE	13
NW	NW	NW	NNW	NNW	N	NW	NNW	NNW	NNE	NNE	NNE	S	14
WSW	WSW	W	WNW	W	NW	NNW	NNW	NNW	NNE	NNE	ENE	N	15
NW	NW	NW	NW	NNW	NNW	NNW	N	N	N	N	NNE	N	16
WNW	WNW	WNW	WNW	WNW	NNW	N	N	NE	E	ENE	NNE	N	17
E	WNW	WNW	WNW	NW	NNW	N	NE	ESE	ENE	NE	NE	NNE	18
ESE	WNW	WNW	WNW	WNW	NW	NNW	NNW	N	NNE	N	N	NNE	19
W	W	W	W	W	WNW	NW	NNW	N	NNE	ENE	NNE	N	20
WSW	WSW	WSW	W	W	WNW	NW	NNW	N	NE	NE	ENE	N	21
WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	N	NNE	NNE	NNE	N	22
WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	N	N	N	NNE	N	23
E	WNW	WNW	WNW	WNW	NNW	NNW	NNW	N	NNE	NNE	NNE	NNE	24
SE	SW	SW	WSW	WSW	W	W	NW	NW	NNW	NNW	E	E	25
NE	ENE	NW	NW	NW	NNW	NNW	NNW	NNW	N	NE	NE	NNE	26
NE	NE	ENE	NW	NW	NNW	NNW	NNW	NNE	NNE	NE	NNE	NNE	27
NE	NE	NNE	NNW	NNW	NNW	N	N	N	N	NE	NE	NNE	28
NNE	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	N	NNE	29
NE	WNW	WNW	NW	NNW	NNW	NNW	N	NE	N	N	NNE	NNE	30
NNW	WNW	WNW	WNW	NW	NW	NNW	NNW	N	NNE	NE	NE	NNE	Mean.

DECEMBER.

WNW	WNW	WNW	WNW	WNW	NW	NNW	NNW	NW	NW	NNW	NE	N	1
NE	NE	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	NNE	2
ENE	WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	NE	NE	Calra	NNE	3
ESE	WSW	W	WSW	W	NW	NW	NNW	NNW	N	N	N	NE	4
SE	SE	WSW	W	WNW	NW	NNW	NNW	N	N	N	NE	ENE	5
NL	ENE	ENE	NW	NW	NNW	NNW	NNW	N	NE	ENE	ENE	NE	6
E	NE	ENE	NE	NE	NNE	N	N	N	ENE	E	E	ENE	7
ENE	ENE	NNE	N	NNW	NNW	N	N	N	N	N	NNE	ENE	8
ENE	WNW	WNW	WNW	WNW	NW	NNW	NNW	NNW	N	NNE	NE	NNE	9
Var.	NW	WNW	NW	WNW	NW	NNW	NNW	NNW	N	N	ESE	NE	10
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	NNE	ENE	E	11
WNW	WNW	WNW	NW	NW	NNW	NNW	NNW	N	NNE	NNE	NNE	NNE	12
E	W	W	WNW	NW	NW	NNW	NNW	N	NNE	NNE	ENE	ENE	13
SE	ENE	ENE	NE	WNW	NW	NNW	NNW	N	NNE	NE	ENE	E	14
ENE	E	SE	WNW	WNW	NW	NNW	NNW	NNW	N	NE	E	ENE	15
NW	NW	NW	NW	WNW	NNW	NNW	NNW	N	NNE	ENE	ENE	NNE	16
ENE	ENE	NW	NW	NNW	NNW	NNW	NNW	N	NNE	E	ENE	NNE	17
E	ENE	NNW	NNW	NNW	NNW	NNW	NNW	N	N	N	N	NE	18
SE	SSW	W	WNW	WNW	NNW	NNW	NW	N	NE	ENE	ESE	E	19
E	ENE	WNW	WNW	NW	NNW	NNW	NNW	N	N	ESE	ESE	NNE	20
NW	NW	NW	NNW	NNW	NNW	NNW	NNW	N	N	N	NNE	NNE	21
NW	WNW	WNW	WNW	NW	NNW	NNW	NNW	N	NE	NNE	NNE	N	22
WNW	NW	WNW	WNW	NW	NNW	NNW	NNW	N	N	NNE	NNE	NNE	23
ENE	E	E	WNW	WNW	WNW	WNW	WNW	N	N	N	E	NNE	24
WSW	W	W	WNW	WNW	NW	NNW	NNW	N	NE	ENE	ESE	ENE	25
WNW	WNW	WNW	WNW	WNW	NW	NNW	NNW	NNW	N	NNE	NE	N	26
WNW	WNW	W	W	W	WSW	WSW	WSW	WSW	WSW	NE	ENE	NE	27
S	W	W	W	W	W	NNW	NNW	N	NNE	NNE	ENE	E	28
WSW	WSW	W	W	W	W	NNW	NNW	N	N	NNE	NNE	N	29
NNW	NNW	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	N	N	30
NW	NW	NW	NW	NNW	NNW	NNW	NNW	N	N	N	NE	NNW	31
NE	NW	WNW	WNW	NW	NW	NNW	NNW	N	N	NNE	ENE	NE	Mean.

AIR TEMPERATURE, 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY.

(IN DEGREES FAHRENHEIT.)

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	73.7	73.3	73.1	73.1	72.4	71.2	70.2	71.2	73.0	75.2	77.8	80.8	81.4	81.4	81.6
2	72.7	72.6	71.6	71.9	72.3	71.0	70.1	70.0	73.0	74.9	77.0	79.0	80.7	81.4	81.5
3	72.1	71.8	71.9	70.8	70.0	69.9	70.0	70.0	72.0	74.3	77.0	80.0	81.0	81.1	81.2
4	71.0	70.9	70.0	69.8	68.8	69.3	68.3	68.9	71.7	74.2	76.8	79.1	80.8	81.1	81.1
5	72.0	72.1	71.9	71.0	70.5	70.0	69.8	69.5	71.8	75.7	78.0	78.5	78.8	79.4	79.8
6	72.6	72.2	71.9	71.8	71.8	71.6	70.8	71.2	72.7	74.0	75.7	76.2	76.4	76.4	76.4
7	68.2	67.2	66.6	65.8	65.1	63.3	62.4	63.2	67.0	70.2	73.0	76.2	77.9	78.1	78.5
8	67.6	66.4	66.8	68.0	67.2	65.4	66.1	68.1	69.7	71.4	74.6	76.8	79.3	80.6	81.3
9	71.6	70.6	70.0	68.8	68.1	68.5	68.0	68.7	70.6	73.5	76.6	79.7	81.0	81.0	80.8
10	70.3	70.4	70.7	69.7	69.5	68.8	68.3	69.1	70.2	72.2	74.8	77.8	79.2	80.2	80.8
11	70.6	69.9	69.8	68.9	68.5	68.5	68.7	68.9	70.8	72.6	74.4	76.8	77.9	78.6	79.6
12	71.7	71.2	71.0	70.6	70.0	69.5	69.1	69.0	71.7	72.8	75.4	76.7	78.1	78.9	79.2
13	70.3	70.2	69.7	69.5	68.3	67.8	67.4	68.3	71.0	73.8	75.6	76.5	77.6	78.0	78.3
14	70.7	69.5	68.6	68.1	67.6	67.0	66.4	66.5	68.5	72.0	74.9	75.8	77.5	78.5	78.3
15	66.3	66.5	66.8	66.9	67.0	65.8	65.2	65.6	67.6	70.3	73.2	76.2	78.6	78.6	79.1
16	68.8	68.1	68.2	68.3	67.4	66.9	66.7	67.5	69.3	70.7	72.3	74.2	75.9	76.3	76.6
17	65.7	65.6	65.7	66.5	67.0	67.0	66.6	67.2	68.2	70.2	73.2	75.7	76.6	77.4	77.0
18	72.1	71.7	71.8	71.4	70.8	70.5	70.4	70.7	72.0	73.0	72.5	72.6	72.9	73.0	72.7
19	66.3	66.4	66.3	66.1	66.0	65.6	65.5	65.8	67.0	68.7	70.8	72.0	72.9	73.2	73.0
20	65.2	65.5	65.7	65.6	65.4	64.9	64.9	65.1	66.5	68.1	70.4	72.7	74.5	75.0	74.8
21	65.7	65.6	65.1	64.4	64.1	64.3	64.5	65.0	66.8	68.6	70.9	71.4	71.6	71.8	71.8
22	62.2	61.5	60.8	59.6	59.4	59.0	58.5	59.8	64.4	67.1	70.1	72.0	72.5	72.2	71.8
23	61.4	60.0	59.3	58.8	58.0	57.1	56.3	57.2	62.5	65.5	68.7	71.6	74.8	78.0	77.3
24	66.5	65.8	65.2	64.9	64.2	63.5	63.0	63.9	66.0	68.9	72.0	75.0	77.5	79.5	79.6
25	64.1	64.6	64.2	64.0	64.0	63.8	63.0	63.5	65.3	67.9	71.0	73.7	76.9	80.0	81.3
26	67.8	66.9	66.2	65.5	64.7	64.2	63.5	64.9	65.9	67.7	70.3	72.6	74.5	76.0	76.0
27	66.7	66.3	66.2	64.9	64.4	64.3	64.1	64.1	66.8	68.8	71.6	72.8	74.1	75.3	75.5
28	68.2	67.7	66.8	66.7	66.4	65.9	65.7	66.4	67.3	69.4	72.2	73.6	74.5	74.8	74.7
29	66.4	65.7	65.6	65.5	65.0	64.1	63.4	63.6	65.5	68.0	70.0	71.6	72.5	73.7	74.1
30	65.7	65.0	64.7	64.2	62.9	61.9	61.3	62.6	65.4	68.1	70.0	72.0	73.6	74.5	75.0
31	66.2	65.7	65.3	64.7	64.5	64.1	64.0	65.0	67.9	70.4	73.4	75.1	76.4	77.3	77.4
Mean	68.4	68.0	67.7	67.3	66.8	66.3	65.9	66.5	68.6	70.9	73.4	75.3	76.7	77.5	77.6
Variation	-2.8	-3.2	-3.5	-3.9	-4.4	-4.9	-5.3	-4.7	-2.6	-0.3	+2.2	+4.1	+5.5	+6.3	+6.4

FEBRUARY.

1	68.7	68.6	68.4	67.9	67.1	66.6	67.2	68.0	69.4	72.3	76.5	79.2	79.8	80.0	81.3
2	70.2	71.0	71.2	70.0	68.8	68.0	68.1	68.8	71.0	73.6	78.1	79.2	78.4	78.0	77.9
3	70.5	69.8	70.0	69.6	68.9	67.4	66.1	66.9	70.2	72.4	74.1	76.2	76.9	77.5	78.5
4	70.2	69.6	68.6	67.6	67.4	67.0	66.3	67.3	69.4	71.0	72.5	74.5	76.2	77.4	77.6
5	68.4	68.0	67.3	66.5	66.5	66.5	66.4	67.2	69.0	71.5	73.9	75.5	76.5	76.4	76.6
6	70.6	70.0	68.8	67.7	67.6	67.5	67.5	67.6	68.9	70.6	72.1	73.8	75.1	76.0	76.2
7	67.6	67.6	67.7	67.6	66.7	66.0	65.5	65.7	67.4	70.3	71.9	73.6	75.3	76.3	76.5
8	66.5	65.5	64.5	64.1	63.6	63.9	64.1	64.9	66.6	69.1	71.7	73.5	74.8	75.5	76.2
9	65.6	65.1	64.6	64.3	63.6	63.0	62.8	64.2	66.9	69.2	72.4	74.0	74.8	76.0	77.1
10	69.7	69.6	68.6	67.7	67.5	67.0	67.0	67.7	69.2	71.8	74.2	74.6	75.2	75.6	75.7
11	70.6	70.4	69.9	69.5	68.7	68.5	67.6	67.6	69.5	74.5	72.6	73.5	73.8	74.0	73.5
12	65.5	65.0	64.2	63.6	63.1	63.2	63.0	63.5	66.5	68.8	70.9	72.6	73.7	74.5	74.5
13	64.9	64.6	64.1	63.3	62.3	61.2	60.8	61.3	65.0	68.9	70.7	73.3	74.7	75.5	75.4
14	66.5	66.3	65.3	63.9	63.9	63.1	62.6	63.3	67.4	70.1	72.3	74.2	75.6	76.7	76.7
15	67.2	66.5	66.4	66.2	65.4	64.9	64.2	65.1	69.3	71.5	74.4	76.6	76.7	77.4	77.8
16	70.2	69.7	69.0	67.9	67.5	66.7	66.3	67.7	70.7	72.6	73.7	74.6	75.1	75.6	75.8
17	70.4	69.9	69.5	68.8	68.4	67.5	66.5	66.8	68.7	70.0	70.7	71.4	71.5	72.0	71.9
18	65.0	64.2	63.0	62.3	61.6	61.6	61.5	61.7	64.5	67.5	70.1	72.4	72.9	72.8	72.5
19	65.0	64.5	64.2	63.1	62.0	61.5	61.3	62.8	67.4	70.2	73.6	74.5	75.4	75.5	75.4
20	68.5	67.5	66.4	65.7	64.8	64.3	64.5	66.8	70.4	74.2	79.0	78.5	77.6	78.6	78.5
21	69.7	68.8	68.4	67.9	67.2	66.6	66.5	67.7	71.6	75.2	79.5	79.1	79.5	79.3	79.5
22	70.7	69.8	69.7	69.5	68.3	68.2	68.0	68.8	72.5	76.5	80.1	81.7	80.8	79.7	79.2
23	71.6	71.2	70.8	70.9	70.3	69.7	69.2	70.7	73.5	75.9	77.3	79.6	81.6	82.2	81.9
24	72.5	71.6	72.2	71.3	70.5	69.9	70.2	71.3	73.2	76.2	81.6	81.7	82.9	83.4	83.3
25	73.5	73.0	72.7	72.2	71.1	70.8	69.7	71.5	73.8	75.5	77.7	79.3	79.9	80.5	80.6
26	73.9	73.5	73.0	72.1	71.2	71.0	71.1	72.0	73.7	75.9	79.0	79.2	80.3	80.6	80.8
27	72.1	72.2	71.7	71.1	69.9	69.5	69.2	70.2	72.4	74.1	75.3	76.3	76.5	77.0	76.6
28	70.6	70.5	70.4	70.3	69.6	68.8	68.3	68.8	70.5	73.2	74.3	74.9	76.3	77.2	78.1
Mean	69.2	68.7	68.2	67.6	66.9	66.4	66.1	67.0	69.6	72.1	74.7	76.0	76.7	77.2	77.3
Variation	-2.5	-3.0	-3.5	-4.1	-4.8	-5.3	-5.6	-4.7	-2.1	+0.4	+3.0	+4.3	+5.0	+5.5	+5.6

JANUARY.

(IN DEGREES FAHRENHEIT.)

Hours.									Mean.	Maximum.		Minimum.		Date.		
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.			
									H. M.		H. M.					
81.7	80.6	78.3	77.8	77.5	77.1	75.9	74.3	73.4	76.1	15	20	81.8	6	30	70.0	1
81.3	80.3	78.8	77.4	76.9	75.9	75.0	73.6	73.1	75.5	14	4	81.7	7	8	69.5	2
80.4	79.4	77.8	77.1	76.4	75.6	74.9	73.4	71.5	75.0	12	12	82.0	5	46	69.5	3
81.7	80.7	78.4	77.5	76.6	76.0	74.8	73.2	72.6	74.7	15	20	81.8	6	56	67.8	4
78.4	76.8	75.0	74.1	73.7	73.0	72.7	72.8	73.0	74.1	14	12	80.2	7	24	69.4	5
76.0	74.5	73.0	72.4	72.1	71.9	71.0	70.0	68.8	73.0	13	25	76.5	23	58	68.4	6
77.8	76.0	74.0	73.5	73.2	72.0	70.2	68.4	68.2	70.7	14	24	78.6	7	14	62.3	7
81.0	79.7	77.2	75.9	74.6	73.1	72.9	72.5	72.4	72.9	15	10	81.5	6	10	65.1	8
80.5	79.2	76.9	75.6	74.7	74.2	73.1	71.7	70.7	73.9	13	34	81.3	4	26	67.8	9
80.7	79.2	77.2	75.6	74.8	74.3	72.9	71.8	70.9	73.7	15	25	81.1	6	30	67.8	10
77.8	76.5	75.1	74.6	74.2	73.9	73.0	72.4	71.8	73.0	14	10	79.5	4	30	68.2	11
78.8	77.5	75.8	74.7	73.9	73.5	72.9	71.8	70.7	73.5	13	0	79.5	7	12	68.4	12
78.1	76.4	75.0	73.9	73.5	73.3	72.4	71.3	70.7	72.8	15	6	79.2	6	28	67.3	13
77.3	76.3	74.8	72.6	71.5	70.9	69.9	67.6	66.8	71.6	13	24	78.6	7	2	66.0	14
78.9	77.8	75.9	74.0	72.8	72.0	71.0	70.7	69.9	71.5	14	12	79.2	7	10	65.0	15
76.0	74.0	72.2	71.6	71.3	70.6	68.3	66.9	66.2	70.6	14	40	77.0	23	56	65.8	16
76.8	76.1	74.6	73.5	73.6	73.6	73.1	72.5	72.1	71.5	13	20	77.6	1	40	65.4	17
72.7	71.8	70.4	69.2	68.8	68.2	67.5	66.6	66.5	70.8	13	20	73.8	23	55	66.1	18
72.8	71.7	69.6	68.6	68.5	67.7	67.5	66.9	65.8	68.5	14	6	74.0	6	32	65.1	19
74.4	73.4	71.3	69.9	69.7	69.5	68.9	68.0	66.2	69.0	12	20	75.2	6	0	64.1	20
71.0	70.0	68.5	67.5	67.2	66.7	66.5	66.1	63.3	67.4	14	8	74.0	23	55	62.8	21
71.5	70.1	68.5	67.6	66.9	65.8	64.5	63.2	62.4	65.5	12	50	72.8	6	20	58.0	22
74.6	73.2	71.2	70.4	70.0	69.0	67.1	65.6	65.0	66.4	14	0	79.9	6	20	56.1	23
78.1	76.4	73.8	71.7	70.4	68.9	67.9	66.7	65.8	69.8	14	10	80.1	6	55	62.8	24
80.6	78.2	75.3	73.1	72.0	70.9	70.1	68.9	68.2	70.2	14	22	81.9	6	38	62.8	25
75.6	74.5	72.4	71.0	69.7	69.1	68.6	68.4	67.0	69.3	14	18	76.6	6	30	63.1	26
75.0	73.7	71.8	70.7	69.3	68.6	68.1	67.9	68.0	69.1	14	14	76.6	7	24	63.4	27
74.1	72.9	71.3	70.0	69.6	69.1	68.6	68.0	67.3	69.6	14	24	75.6	6	0	65.4	28
73.9	72.7	71.2	69.8	69.2	68.6	67.7	67.2	66.8	68.4	14	28	74.8	7	4	62.8	29
74.9	74.1	72.7	71.6	71.1	70.4	69.5	67.7	66.6	68.6	14	14	75.2	6	25	61.2	30
76.9	76.3	75.0	74.0	73.1	72.1	71.2	69.8	69.1	70.6	14	12	78.0	7	20	63.8	31
77.1	75.8	74.0	72.8	72.2	71.5	70.6	69.5	68.7	71.2							Mean
+5.9	+4.6	+2.8	+1.6	+1.0	+0.3	-0.6	-1.7	-2.5								Variation

FEBRUARY.

81.0	80.0	77.0	75.1	74.4	73.5	72.8	71.6	71.4	73.2	14	38	81.7	5	20	66.0	1
73.0	77.1	75.6	74.9	74.5	73.3	72.1	72.1	72.2	73.4	11	48	79.8	5	40	67.3	2
77.9	77.0	77.0	74.1	74.1	73.6	72.6	71.6	70.5	72.6	14	16	79.0	6	32	66.0	3
77.4	75.8	74.1	73.0	72.5	71.9	70.9	69.4	68.9	71.5	14	12	78.5	6	38	66.0	4
76.5	75.5	73.6	72.1	71.5	71.4	71.4	71.5	71.1	71.3	14	10	77.1	4	52	66.1	5
76.1	75.3	73.5	72.2	72.0	71.9	71.6	70.4	68.5	71.3	14	28	76.8	6	24	67.1	6
76.0	75.2	73.2	72.1	71.6	71.4	70.4	69.0	67.4	70.5	14	8	77.0	6	10	65.3	7
76.1	75.4	73.4	71.7	71.0	69.7	69.6	68.7	67.4	69.5	14	50	76.6	4	44	63.5	8
77.1	76.5	75.0	73.4	72.1	71.6	71.5	70.6	70.1	70.1	15	12	77.8	6	2	62.5	9
75.6	74.5	72.9	71.6	71.5	71.4	70.9	70.5	70.6	71.3	14	50	76.9	6	58	66.8	10
72.6	70.8	68.8	67.7	67.5	67.3	67.1	66.3	65.9	69.8	13	19	74.7	23	56	65.7	11
74.4	73.4	71.4	70.1	69.7	68.6	67.7	66.6	65.6	68.3	13	24	75.4	6	52	61.8	12
76.0	75.0	72.5	71.2	70.6	69.6	68.6	68.1	67.3	68.5	13	19	78.5	6	22	60.6	13
76.8	75.6	73.6	72.1	71.4	70.7	70.1	69.2	68.0	69.8	15	40	78.5	7	14	62.2	14
77.3	76.5	74.4	72.7	72.2	71.2	70.5	69.9	70.1	71.0	14	18	79.3	6	20	61.0	15
75.7	74.5	72.5	71.2	70.6	70.3	70.5	70.5	70.5	71.2	14	18	76.2	6	20	66.1	16
71.6	70.5	68.8	68.1	68.5	68.6	68.3	66.9	65.7	69.2	14	6	72.6	23	58	65.2	17
72.4	71.2	70.3	69.6	69.4	68.7	67.7	66.5	65.6	67.3	12	10	74.0	7	22	61.4	18
74.9	74.5	73.2	71.7	71.4	70.8	70.0	69.3	68.6	69.2	13	15	76.2	6	26	61.1	19
77.8	76.9	75.5	74.6	73.8	73.1	72.1	71.7	71.3	72.2	11	5	72.6	5	55	64.0	20
77.4	77.4	76.2	75.4	74.9	74.4	73.0	71.7	71.5	73.3	10	32	80.8	6	35	66.3	21
80.1	80.2	77.4	76.4	75.1	74.6	73.6	72.7	72.2	74.4	11	8	82.4	4	56	67.0	22
81.6	82.3	80.7	78.6	76.8	75.8	75.2	74.5	73.1	75.4	12	48	82.8	6	22	68.5	23
83.5	82.4	80.6	77.5	76.1	75.1	74.5	74.1	73.5	76.2	14	12	84.2	5	20	69.6	24
80.4	80.0	77.9	76.4	75.5	75.0	74.8	74.5	74.2	75.4	14	20	81.0	6	36	69.4	25
80.4	78.9	76.8	75.2	73.5	72.5	72.5	72.5	72.4	75.1	13	0	81.6	4	56	70.5	26
76.5	75.9	73.9	72.4	71.5	71.1	70.6	70.5	70.5	72.3	13	40	77.6	6	38	68.6	27
77.5	76.5	74.6	72.8	72.4	71.8	71.4	70.6	69.5	72.5	14	30	78.5	6	52	68.0	28
77.1	76.2	74.4	73.0	72.4	71.8	71.1	70.4	69.8	71.7							Mean . .
+5.4	+4.5	+2.7	+1.3	+0.7	+0.1	—0.6	—1.3	—1.9								Variation . .

AIR TEMPERATURE, 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH.

(IN DEGREES FAHRENHEIT.)

Date.	Hours.														
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	68.8	69.0	68.6	68.1	68.0	68.1	67.6	68.7	71.5	73.2	75.6	77.0	78.4	79.0	78.8
2	71.0	70.5	69.7	69.7	69.3	69.0	69.2	71.0	73.2	76.3	78.8	81.5	81.5	82.1	82.1
3	72.8	72.8	72.0	71.4	70.6	70.0	69.6	72.5	74.8	77.7	81.8	86.6	89.1	87.0	85.2
4	74.9	74.5	74.3	73.5	72.6	72.6	72.5	74.0	76.5	78.8	84.0	88.0	88.6	87.5	86.5
5	75.4	74.6	75.0	74.1	72.6	71.9	72.7	74.2	76.6	79.3	83.2	88.7	92.0	91.7	91.1
6	76.8	76.4	75.3	73.9	73.4	73.4	75.7	75.5	77.6	79.8	84.1	87.5	89.0	87.3	86.4
7	76.2	76.4	76.5	75.5	74.0	73.1	73.0	74.8	78.0	80.9	84.5	88.3	88.0	86.0	86.5
8	77.2	76.4	75.6	75.0	74.5	74.1	73.0	75.6	78.5	80.8	84.2	83.5	83.6	84.0	84.0
9	71.6	74.1	73.4	72.5	72.4	72.3	71.8	73.6	76.0	77.5	79.3	79.7	81.0	82.5	83.2
10	72.5	72.1	71.5	71.4	71.5	71.4	71.0	72.8	74.9	76.7	77.9	79.4	80.2	81.4	81.4
11	74.5	74.5	74.4	74.4	74.5	74.1	73.5	74.2	75.5	77.6	79.2	79.3	80.4	81.4	82.1
12	73.7	73.7	73.7	71.2	73.7	73.4	73.7	75.1	76.4	77.6	78.1	79.5	80.4	80.4	80.5
13	73.5	73.1	72.7	72.7	72.3	71.8	71.6	73.0	75.5	77.4	78.6	79.8	81.6	83.0	83.1
14	76.6	76.2	76.2	76.4	76.5	75.7	75.5	77.4	79.5	81.0	83.5	83.4	84.7	86.0	86.3
15	80.5	80.3	80.4	80.3	79.6	79.4	79.4	79.5	80.7	84.0	85.6	86.2	85.8	86.0	85.0
16	80.7	80.6	80.5	79.6	78.5	78.4	78.5	79.0	81.7	84.0	86.4	87.9	86.5	86.0	86.3
17	79.6	79.2	78.9	79.0	78.5	78.0	77.8	79.2	81.1	82.7	85.2	86.2	86.0	86.0	85.7
18	79.2	79.5	79.4	79.1	78.4	77.7	77.7	79.5	81.5	83.4	84.5	85.1	85.5	85.6	86.0
19	79.5	79.2	79.3	79.4	78.6	79.1	78.9	79.5	80.5	82.5	84.7	84.9	85.7	85.0	84.6
20	79.7	79.4	78.2	78.5	78.5	78.5	78.8	80.0	81.4	82.9	84.1	84.4	85.5	86.3	85.5
21	80.5	80.0	79.5	78.7	78.4	78.2	77.7	79.6	80.7	81.9	83.3	84.2	85.1	84.5	83.9
22	78.3	77.9	78.6	78.6	78.6	78.0	77.4	78.7	80.4	82.8	85.0	87.4	87.1	87.0	87.3
23	80.3	79.6	78.8	78.6	77.8	77.6	77.3	79.4	81.4	82.5	83.2	84.7	86.1	86.0	86.6
24	80.5	79.3	78.2	77.4	77.1	77.2	77.2	79.0	81.2	82.9	85.0	86.2	87.5	88.2	89.2
25	80.5	79.8	79.3	78.5	77.6	76.5	76.8	79.1	81.5	84.1	85.5	86.5	87.3	87.7	88.4
26	79.5	79.6	79.5	78.7	77.3	76.8	77.6	80.4	84.0	86.2	88.5	88.6	88.7	89.5	89.7
27	81.5	81.1	80.4	79.2	77.9	78.1	79.4	81.5	83.6	84.5	85.3	86.3	87.2	89.0	90.5
28	81.8	81.5	81.3	80.1	79.6	80.1	81.2	82.0	83.5	84.9	86.1	86.7	87.1	87.4	87.5
29	79.9	79.4	78.8	78.5	77.6	77.3	77.7	79.7	81.7	84.1	85.9	87.2	88.7	89.0	89.4
30	81.2	80.7	80.6	80.5	79.9	78.8	78.9	81.8	85.3	87.1	89.2	89.8	90.0	90.6	90.7
31	81.4	80.6	80.7	80.8	80.5	79.8	79.5	82.1	86.4	88.4	90.5	90.1	90.0	90.0	90.0
Mean	77.5	77.2	76.8	76.4	75.8	75.5	75.5	77.2	79.4	81.4	83.6	85.0	85.8	85.9	85.9
Variation	-3.0	-3.3	-3.7	-4.1	-4.7	-5.0	-5.0	-3.3	-1.1	+0.9	+3.1	+4.5	+5.3	+5.4	+5.4

APRIL.

1	81.5	81.4	80.6	80.5	80.2	79.5	79.4	81.0	83.6	85.4	88.0	88.4	88.9	88.7	88.5
2	79.5	78.7	78.5	78.4	77.6	77.3	76.7	78.4	81.2	82.3	83.0	83.8	84.7	84.7	84.7
3	78.2	78.1	77.7	77.2	76.4	76.1	76.9	78.5	81.2	83.5	84.6	86.1	86.1	86.5	86.7
4	81.3	80.5	79.8	78.5	78.4	78.6	78.9	82.0	84.0	84.7	85.6	86.2	86.5	87.4	87.5
5	81.9	81.4	81.1	79.4	79.6	79.5	79.7	81.6	83.8	85.0	85.6	86.5	87.3	87.6	87.4
6	81.4	81.3	81.0	80.6	80.7	80.8	80.9	82.5	84.0	85.1	86.1	87.1	88.4	88.4	87.6
7	80.4	78.9	78.3	77.7	77.9	77.6	79.0	81.0	83.3	84.5	85.1	85.8	86.4	86.9	87.5
8	79.9	79.8	79.5	78.8	77.6	77.7	78.4	80.0	82.5	84.1	85.0	86.2	86.5	86.6	86.9
9	80.3	79.7	79.5	78.6	78.3	77.6	78.1	80.7	82.8	84.6	84.8	85.8	86.4	86.5	87.0
10	80.8	80.2	79.3	79.3	79.4	79.4	80.1	81.7	84.0	84.8	85.8	86.4	86.7	86.8	87.5
11	81.7	80.5	80.0	79.6	79.4	80.0	80.2	81.9	83.7	84.8	85.0	86.2	87.1	87.9	88.4
12	81.2	80.7	79.9	79.5	80.0	80.2	80.8	82.8	85.1	85.8	86.8	87.8	88.3	88.4	88.5
13	80.9	80.4	80.5	81.0	81.0	80.9	81.2	83.2	85.2	86.7	87.0	87.5	88.4	88.7	88.5
14	81.7	81.7	81.5	81.4	81.2	81.0	81.3	83.0	84.9	86.1	87.0	87.5	88.1	88.3	88.1
15	81.5	81.3	81.2	81.1	80.6	80.5	80.6	82.0	84.1	85.9	86.9	87.4	87.9	88.1	88.2
16	81.4	81.1	80.7	80.3	79.9	79.7	80.0	81.7	83.7	84.9	86.1	87.3	88.4	87.4	87.9
17	81.5	81.1	80.4	79.9	79.9	80.3	80.9	81.9	84.1	85.9	86.8	87.5	88.1	88.1	88.0
18	81.9	81.6	81.3	81.6	81.9	82.0	82.5	83.5	85.1	85.9	86.3	87.6	88.4	88.6	88.9
19	82.4	81.6	81.2	80.4	79.8	80.3	80.5	81.3	83.0	85.0	86.5	87.2	87.6	87.9	88.0
20	82.4	82.0	81.4	80.8	80.2	79.6	80.3	83.0	85.2	86.7	88.1	89.3	90.6	90.0	91.3
21	82.8	82.2	82.4	82.7	82.8	82.7	83.7	85.2	87.0	88.2	88.6	89.2	89.9	90.2	90.2
22	83.1	83.0	82.9	82.6	82.6	82.5	83.1	85.5	86.8	87.5	88.5	88.9	89.5	89.8	89.4
23	81.8	82.2	82.7	82.8	82.8	82.8	83.5	85.2	86.9	87.7	89.0	89.5	89.8	89.8	89.4
24	81.5	81.2	80.8	80.3	80.0	80.0	81.3	83.0	84.2	85.2	86.9	87.5	88.2	88.5	87.8
25	82.3	82.1	82.0	81.7	81.5	81.5	82.3	84.3	86.3	87.3	88.1	88.5	88.6	88.9	88.6
26	82.7	82.5	82.5	82.4	81.9	81.8	82.2	84.0	85.8	86.9	87.5	88.2	88.9	88.8	89.1
27	82.4	82.2	81.6	81.5	81.2	80.8	81.6	83.4	85.0	86.2	86.6	87.6	88.8	89.5	89.4
28	81.7	81.6	81.5	81.5	81.2	80.9	81.5	83.2	84.7	86.2	87.0	88.0	88.8	88.6	88.3
29	81.2	81.3	81.3	81.4	80.9	80.3	80.4	81.9	84.1	85.7	86.9	87.4	87.9	88.8	88.7
30	81.8	81.8	81.8	81.2	80.6	80.4	81.0	83.1	84.1	85.3	86.2	88.0	88.9	89.5	89.6
Mean	81.4	81.1	80.8	80.4	80.2	80.1	80.6	82.3	84.3	85.6	86.5	87.3	88.0	88.2	88.3
Variation	-2.3	-2.6	-2.9	-3.3	-3.5	-3.6	-3.1	-1.4	+0.6	+1.9	+2.8	-3.6	+4.3	+4.5	+4.6

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH.

(IN DEGREES FAHRENHEIT.)

Hours.									Mean.	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
										H. M.		H. M.		
78.6	77.1	76.0	74.9	74.6	74.4	73.7	72.6	72.0	73.1	13 32	79.3	6 45	67.2	1
81.2	80.5	78.6	77.5	77.1	76.7	75.4	73.8	73.3	75.4	14 24	82.3	6 30	68.8	2
83.6	81.8	80.4	79.6	79.4	78.7	77.4	76.6	76.2	77.8	12 30	89.5	6 22	69.0	3
86.2	84.3	81.7	79.6	79.2	78.6	77.4	76.4	75.6	79.1	12 0	89.8	6 40	72.2	4
89.2	85.4	83.7	81.6	80.5	79.8	79.1	78.1	77.6	80.3	13 22	93.5	5 12	71.4	5
85.1	84.0	83.1	81.9	81.1	80.2	78.5	77.1	76.3	79.9	12 24	90.7	5 58	72.6	6
85.5	84.5	83.3	81.2	80.6	80.5	79.3	78.1	77.6	80.1	11 58	90.7	6 20	72.4	7
83.5	82.2	80.9	79.1	77.6	76.1	75.6	75.6	75.3	78.6	10 48	85.7	6 22	72.4	8
83.1	81.9	79.7	77.1	75.8	74.6	73.5	73.4	73.4	76.5	14 44	83.9	6 30	71.5	9
81.5	80.7	78.5	76.7	76.2	75.6	75.4	74.5	74.4	75.8	15 22	82.2	6 28	70.5	10
82.2	81.2	79.6	77.4	76.5	75.6	74.9	74.6	74.	76.9	14 38	82.7	6 26	73.2	11
80.3	79.7	78.2	76.4	75.7	75.5	74.6	74.4	73.6	76.4	13 30	81.2	3 0	73.1	12
82.3	81.8	80.3	78.6	78.5	78.4	78.0	77.0	76.5	77.1	14 8	83.5	6 20	71.3	13
85.9	86.5	85.1	83.9	82.8	82.4	82.3	81.3	80.5	81.1	16 22	86.8	6 30	75.0	14
84.4	84.0	82.2	81.7	81.3	81.5	81.3	80.7	80.7	82.1	11 24	86.5	6 0	78.6	15
86.0	84.7	83.5	82.7	82.3	81.6	81.0	80.4	79.9	82.4	11 35	89.0	5 20	78.0	16
85.2	84.0	82.3	81.2	80.5	79.7	79.4	78.5	78.7	81.4	11 0	87.2	6 15	77.4	17
85.8	85.4	84.1	82.6	81.6	80.9	80.4	80.2	79.5	81.8	14 20	86.5	6 42	77.6	18
84.7	85.0	84.3	83.2	82.6	82.5	81.6	80.6	80.0	81.9	13 10	86.1	4 2	78.2	19
84.8	84.2	83.5	82.4	81.7	81.2	81.2	81.4	81.0	81.8	13 50	86.7	2 28	77.9	20
84.4	84.2	82.1	81.1	80.6	80.2	79.4	79.1	78.6	81.1	13 10	85.5	6 20	77.4	21
87.5	86.7	85.5	83.6	83.1	82.5	82.0	81.3	80.6	82.3	14 20	88.0	7 0	77.0	22
86.7	86.6	86.4	85.3	84.2	82.9	82.0	81.5	81.3	82.4	15 12	87.0	6 24	77.0	23
89.2	87.2	86.0	84.2	83.3	81.8	81.5	81.3	81.1	82.6	14 4	90.0	4 22	76.6	24
87.6	86.5	84.7	83.4	82.5	81.7	80.7	80.6	80.3	82.4	14 30	88.8	5 35	75.6	25
90.0	89.4	89.7	87.6	85.8	84.2	82.5	81.6	81.5	84.0	15 10	90.3	5 26	76.2	26
90.0	88.9	89.4	89.0	87.5	85.8	85.7	84.4	82.7	84.5	14 45	91.2	4 34	77.5	27
87.3	86.8	85.2	83.6	82.9	82.2	81.6	81.5	80.5	83.4	14 15	88.8	5 18	78.9	28
89.6	88.8	87.5	86.3	85.3	84.7	83.0	82.1	81.5	83.5	14 34	89.9	5 22	77.1	29
90.4	90.1	88.1	84.7	83.6	83.4	82.5	82.2	81.6	84.7	14 18	90.8	5 52	78.2	30
90.7	90.3	88.6	87.1	86.1	84.3	82.5	82.5	82.3	85.2	10 42	91.4	6 28	79.0	31
85.6	84.7	83.3	81.8	81.0	80.3	79.5	78.8	78.3	80.5					Mean.
+5.1	+4.2	+2.8	+1.3	+0.5	-0.2	-1.0	-1.7	-2.2						Variation.

APRIL.

97.8	86.0	84.2	82.5	81.6	81.0	80.5	80.0	79.5	83.3	11	4	90.1	6 20	78.2	1
84.1	83.0	81.5	80.0	79.5	79.3	78.7	78.5	78.0	80.5	13	10	85.2	6 24	76.3	2
86.4	85.0	84.0	83.0	82.9	82.6	81.6	81.5	82.0	81.8	13	8	86.8	5 34	75.8	3
87.4	86.7	85.1	84.0	83.5	83.1	82.6	82.4	82.1	83.2	13	58	88.4	3 56	78.0	4
87.3	86.1	84.8	83.4	82.5	82.3	82.2	81.9	81.5	83.3	13	12	88.0	3 0	78.7	5
87.3	86.0	84.4	82.7	82.2	81.5	80.7	80.6	80.5	83.4	13	12	89.2	3 50	80.3	6
87.3	86.2	84.7	82.9	81.9	81.4	80.7	80.5	80.2	82.3	14	50	88.4	5 30	77.4	7
86.8	86.3	84.8	83.2	82.4	81.9	81.5	81.6	80.9	82.5	12	20	87.2	5 24	77.4	8
87.2	86.3	84.4	82.8	82.2	81.7	81.5	81.5	80.9	82.5	15	10	87.5	6 24	77.4	9
87.6	86.8	85.0	83.1	82.4	81.9	81.3	80.7	80.8	83.0	15	14	88.2	3 22	78.4	10
88.3	87.7	85.7	83.9	82.5	81.9	81.9	81.9	81.6	83.4	14	58	89.0	4 32	79.0	11
87.9	86.9	85.1	83.9	82.9	82.4	81.8	81.7	81.4	83.7	14	8	89.2	4 20	79.4	12
87.5	86.7	85.1	84.0	82.2	82.5	82.3	81.9	81.8	84.0	13	10	89.7	2 28	80.2	13
87.7	86.8	85.1	83.7	83.0	82.6	82.4	81.9	81.5	84.1	13	10	88.7	5 20	80.8	14
87.5	86.5	85.0	83.7	82.7	82.4	82.2	81.9	81.5	83.8	14	50	88.7	5 35	80.3	15
87.6	87.5	85.5	83.5	82.9	82.6	82.5	82.2	81.6	83.6	12	52	88.7	5 50	79.5	16
87.3	86.4	84.9	83.6	83.2	82.9	82.6	82.4	82.2	83.7	12	28	88.9	4 20	79.5	17
88.3	86.9	85.2	83.9	82.9	82.6	82.4	82.5	82.5	84.3	13	16	89.4	2 16	81.0	18
87.4	86.1	84.6	83.5	82.1	82.6	82.6	82.6	82.5	83.6	14	16	89.0	4 30	79.5	19
91.0	89.4	87.5	86.4	85.0	84.5	84.2	84.6	83.6	85.3	14	16	91.8	6 0	79.4	20
88.9	87.7	86.2	84.9	84.3	84.0	83.8	83.7	83.2	85.6	14	18	91.0	2 4	81.8	21
89.3	88.3	87.3	85.4	84.5	83.7	83.5	83.2	82.7	85.6	13	10	89.9	5 32	82.2	22
88.7	87.9	86.4	84.9	83.6	83.0	82.6	82.0	81.6	85.3	12	45	90.0	23 4	81.4	23
87.5	86.7	85.0	83.9	83.4	82.8	82.5	82.6	82.5	83.9	13	34	89.0	5 14	79.5	24
88.3	87.6	86.2	84.7	83.9	83.5	83.4	83.2	82.9	84.9	12	48	90.0	4 55	81.4	25
88.8	87.8	86.5	85.0	84.5	83.9	83.5	83.0	82.6	85.0	11	32	90.2	6 0	81.4	26
89.5	88.1	86.1	84.2	83.1	82.7	82.4	82.4	81.9	84.5	13	10	90.1	5 10	80.6	27
87.5	86.9	85.0	83.4	82.6	82.4	81.8	81.5	81.4	84.1	12	22	89.8	5 20	80.7	28
87.5	86.2	84.3	83.0	82.5	82.3	82.2	81.9	81.8	83.7	13	50	89.2	5 56	80.1	29
89.0	87.9	86.0	85.0	84.3	83.9	83.5	82.9	82.6	84.5	13	20	89.9	5 40	80.2	30
87.8	86.8	85.2	83.7	82.9	82.5	82.2	82.0	81.7	83.7						Mean.
+4.1	+3.1	+1.5	0	-0.8	-1.2	-1.5	-1.7	-2.0							Variation.

AIR TEMPERATURE, 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY.

(IN DEGREES FAHRENHEIT.)

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	82.3	82.1	82.2	82.0	81.6	81.4	82.0	83.5	84.8	86.1	87.2	88.4	88.7	89.1	89.3
2	83.4	83.1	82.7	82.5	82.5	82.6	83.0	83.8	85.2	86.4	88.2	89.0	89.6	89.5	89.5
3	82.6	82.4	81.5	81.5	81.5	81.1	82.0	84.1	86.0	86.6	87.5	88.7	89.8	90.2	90.4
4	82.7	82.5	82.4	82.4	81.5	81.5	82.8	84.7	85.4	86.6	87.9	88.8	90.4	90.6	91.0
5	82.7	82.5	82.0	81.7	81.5	81.4	82.2	84.4	86.0	86.5	87.7	89.1	90.4	90.7	90.4
6	82.8	82.6	82.5	82.1	81.6	81.6	82.2	83.5	84.8	86.1	87.3	88.7	89.7	89.7	89.5
7	83.0	82.8	82.5	82.5	82.3	82.3	82.6	83.2	83.8	85.2	87.1	88.4	89.3	90.2	89.5
8	82.7	82.5	82.5	82.4	81.7	82.0	82.5	83.8	85.1	87.0	88.5	89.1	89.2	90.0	89.0
9	82.8	82.6	82.5	82.4	82.3	82.2	82.8	84.2	85.7	87.1	88.3	88.3	89.0	89.1	89.1
10	83.4	83.2	83.0	82.9	82.6	82.5	83.1	84.8	86.4	88.2	89.0	90.3	90.6	90.5	89.8
11	83.7	83.5	83.4	83.3	83.0	82.7	83.5	84.9	86.3	87.5	88.6	89.4	90.5	90.7	90.6
12	83.0	82.7	82.7	82.6	82.8	82.8	83.5	84.7	86.5	88.1	88.7	89.6	90.5	90.6	90.0
13	83.5	83.5	83.5	83.4	83.5	83.4	83.6	84.8	86.5	87.4	88.5	89.3	90.1	90.5	90.1
14	83.5	83.5	83.5	83.4	82.7	82.5	83.0	85.0	86.5	88.3	88.9	90.2	90.6	91.0	90.7
15	84.5	84.2	83.7	83.3	82.7	82.7	83.7	86.0	87.1	88.4	89.6	90.1	90.5	90.3	90.4
16	83.6	83.4	83.6	83.7	84.0	84.0	84.5	85.6	87.0	87.8	88.4	89.1	89.6	89.8	90.1
17	83.8	83.5	82.4	83.3	83.0	82.8	84.0	84.8	86.1	87.6	89.0	90.0	90.1	90.3	90.7
18	84.4	83.7	83.5	83.6	82.4	83.4	83.8	85.1	86.4	87.5	88.3	89.9	90.3	90.4	90.5
19	84.1	84.1	84.1	82.7	83.3	82.8	83.7	85.0	86.4	87.5	88.5	89.5	89.8	90.1	90.1
20	84.3	83.7	83.5	83.5	83.5	83.4	84.0	85.5	86.7	87.9	89.2	89.5	90.2	90.5	90.5
21	84.1	83.7	83.5	83.5	83.4	83.3	83.5	85.2	86.6	87.6	88.6	89.5	90.0	90.3	90.5
22	83.0	82.6	82.4	81.7	80.7	81.1	82.1	84.2	86.1	86.5	87.6	88.4	88.7	89.1	89.6
23	83.5	83.4	83.0	82.6	82.5	82.5	83.0	85.1	87.1	88.4	88.5	89.3	89.7	90.2	90.5
24	84.5	84.5	84.5	84.5	83.6	83.5	83.7	85.1	87.1	88.5	89.7	90.1	90.8	91.0	91.1
25	84.8	84.5	84.5	84.3	84.1	84.0	84.8	86.3	87.8	88.8	90.0	90.5	90.9	90.5	91.1
26	84.4	84.4	84.2	83.9	83.9	83.9	84.4	85.8	87.3	88.2	88.8	89.7	90.0	90.6	90.3
27	84.5	84.5	84.5	84.5	84.5	84.5	84.8	86.0	87.5	88.6	89.6	89.9	90.6	90.8	87.2
28	85.4	84.5	84.5	84.5	84.5	84.5	84.7	85.6	87.4	84.6	84.4	84.7	81.4	82.7	83.0
29	81.5	81.1	80.7	80.8	81.1	80.4	80.6	81.8	83.7	85.4	85.5	85.2	85.6	86.0	84.4
30	81.0	78.5	78.6	79.2	79.1	79.8	79.5	79.3	79.7	81.3	82.5	83.7	84.1	84.7	85.0
31	81.5	81.3	81.0	80.6	80.5	80.5	80.6	77.5	78.5	79.0	79.3	82.2	82.4	82.6	81.0
Mean	83.4	83.1	82.9	82.8	82.5	82.5	83.0	84.3	85.7	86.8	87.8	88.7	89.1	89.4	89.2
Variation	-2.0	-2.3	-2.5	-2.6	-2.9	-2.9	-2.4	-1.1	+0.3	+1.4	+2.4	+3.3	+3.7	+4.0	+3.8

JUNE.

1	79.2	79.2	79.3	79.2	79.0	79.0	79.4	80.5	82.2	83.3	83.8	84.5	84.9	84.3	84.4
2	79.0	78.4	77.9	77.6	77.0	76.6	76.9	77.2	77.9	78.8	78.7	78.9	78.9	78.4	78.4
3	78.3	77.2	77.6	77.9	77.4	78.6	79.4	80.0	80.8	80.0	78.8	78.0	78.9	78.8	76.5
4	80.5	80.2	80.7	78.6	78.3	77.8	78.2	78.7	80.3	79.5	80.8	81.6	82.3	81.3	79.9
5	80.4	80.5	76.9	78.4	78.5	79.0	78.2	79.8	80.3	80.8	81.3	80.3	78.5	78.1	76.7
6	82.4	82.4	82.2	82.0	81.8	81.8	82.3	82.8	83.4	84.6	85.1	85.8	86.4	86.7	86.5
7	82.5	82.5	82.3	82.2	81.9	81.6	82.4	83.3	84.2	84.9	85.9	86.7	87.0	87.2	87.5
8	81.6	81.5	81.6	80.6	80.6	80.2	77.9	79.7	81.5	83.5	82.2	83.0	85.2	85.6	84.0
9	79.7	75.8	76.9	78.6	79.1	78.6	79.8	81.6	82.7	84.3	84.6	85.2	85.8	86.2	86.3
10	81.9	79.5	78.9	79.0	80.1	80.5	81.1	82.5	83.8	84.4	85.3	85.4	84.8	86.0	86.3
11	81.9	82.1	82.1	81.6	81.5	81.7	81.9	82.9	84.3	85.0	86.1	85.5	86.5	85.7	85.8
12	78.4	76.0	78.0	77.9	77.2	76.5	76.9	77.5	76.8	76.9	77.9	77.2	78.9	79.3	78.0
13	78.9	78.7	78.8	78.7	78.4	78.3	78.5	78.9	80.3	80.2	80.4	81.0	83.3	84.4	83.7
14	81.7	81.5	81.5	81.3	81.3	81.3	81.5	82.6	83.9	85.0	85.9	86.2	86.4	86.0	86.2
15	82.4	82.2	81.7	80.7	80.7	80.8	80.5	81.1	81.6	83.2	84.4	85.2	85.7	82.2	84.2
16	80.8	80.9	80.3	80.3	80.8	81.2	81.6	82.7	84.0	84.8	85.8	85.9	86.5	86.7	86.3
17	82.5	82.3	82.0	81.4	81.4	81.5	82.2	82.9	84.3	84.7	82.9	83.9	85.5	85.2	85.3
18	82.3	81.9	81.6	81.5	81.5	81.7	81.9	82.8	84.5	85.6	85.9	86.6	87.2	87.3	87.6
19	82.6	82.4	82.2	81.9	81.7	81.7	82.0	83.1	84.6	85.6	86.3	86.7	87.1	87.3	87.5
20	82.8	82.7	82.5	82.2	82.4	82.3	82.8	83.7	84.6	85.5	86.2	86.5	87.2	86.8	86.8
21	82.5	82.4	82.2	81.9	81.8	81.7	82.1	83.2	84.9	85.5	86.2	87.2	87.7	87.0	85.7
22	83.2	82.9	82.6	82.6	81.2	80.5	80.3	80.3	81.6	82.7	84.5	84.9	84.5	84.5	84.2
23	81.2	80.8	80.7	80.5	80.4	80.3	80.8	81.7	82.6	83.7	85.5	86.1	86.0	85.9	86.4
24	81.2	80.7	80.3	80.4	79.9	79.6	79.6	80.9	82.7	83.1	83.5	83.7	81.6	81.0	82.7
25	81.3	81.5	81.8	81.6	81.3	80.2	80.4	80.9	82.1	83.2	83.8	84.1	83.0	81.8	81.8
26	78.4	78.6	77.9	78.8	77.4	78.7	77.9	80.4	81.7	82.4	83.2	84.4	83.6	81.7	82.4
27	81.9	81.7	81.6	81.7	81.7	81.7	81.9	82.3	82.5	82.9	83.2	83.7	82.8	80.9	78.7
28	78.2	79.4	79.8	80.6	80.2	80.1	80.7	81.6	79.8	77.1	78.7	79.4	79.8	80.0	79.5
29	79.2	80.0	80.5	80.5	81.3	81.4	81.5	81.9	83.2	83.5	83.7	84.3	84.6	85.1	84.7
30	81.7	81.7	81.7	81.5	81.6	81.6	81.7	82.2	82.3	82.9	84.3	84.2	83.9	83.5	83.2
Mean	81.0	80.6	80.5	80.4	80.3	80.2	80.4	81.3	82.3	82.9	83.5	83.9	84.2	83.8	83.6
Variation	-1.0	-1.4	-1.5	-1.6	-1.7	-1.8	-1.6	-0.7	+0.3	+0.9	+1.5	+1.9	+2.2	+1.8	+1.6

AIR TEMPERATURE, 1925.

59

MAY.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)
(IN DEGREES FAHRENHEIT.)

Hours.†									Mean.	Maximum.		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.	
										H. M.		H. M.		
88.8	88.2	86.5	85.1	84.5	84.3	84.0	83.5	83.4	85.0	13 35	90.0	6 40	81.0	1
89.0	88.2	86.6	84.8	84.0	83.7	83.6	83.3	83.0	85.3	12 20	90.0	4 25	82.3	2
90.1	89.0	87.0	85.2	84.5	84.4	84.3	84.1	83.5	85.3	13 34	90.6	5 30	81.0	3
90.0	88.9	87.0	84.8	84.1	83.8	83.6	83.5	83.4	85.4	13 40	91.2	5 38	81.2	4
89.5	88.5	86.9	85.1	84.5	84.5	84.3	83.6	83.3	85.4	13 16	91.6	4 40	80.8	5
88.5	87.1	86.2	84.8	83.8	83.5	83.5	83.5	83.4	85.0	13 0	90.1	4 20	81.4	6
88.6	87.1	85.7	84.3	83.6	83.5	83.3	83.4	83.0	84.9	13 22	91.2	5 0	82.1	7
87.9	86.8	85.6	84.2	83.5	83.5	83.4	83.2	83.0	85.0	13 40	90.2	4 24	81.5	8
88.4	86.8	85.5	84.4	83.7	83.6	83.5	83.5	83.5	85.1	13 10	89.6	5 0	82.0	9
88.2	87.2	86.1	84.8	84.3	84.0	84.0	83.8	83.8	85.7	12 55	91.6	5 40	82.3	10
89.3	87.3	86.0	84.7	84.0	83.7	83.6	83.5	83.3	85.7	14 20	91.2	5 24	82.5	11
89.4	88.0	86.2	85.2	84.5	84.0	83.5	83.5	83.6	85.7	13 2	91.0	1 24	82.4	12
88.8	87.8	86.5	85.1	84.7	84.4	84.1	83.6	83.5	85.8	13 5	91.4	2 0	83.3	13
90.1	88.8	87.1	85.9	85.6	85.4	85.0	84.6	84.5	86.3	13 50	91.4	6 10	82.2	14
89.6	89.0	87.6	86.4	85.6	85.2	84.7	84.5	83.8	86.4	12 40	91.1	5 50	82.4	15
89.8	88.8	87.6	86.4	85.7	85.2	84.6	84.5	84.3	86.3	13 46	90.6	1 35	83.2	16
90.0	88.8	87.6	86.2	85.5	85.3	85.0	84.6	84.5	86.2	14 20	91.1	4 30	82.6	17
90.2	89.3	87.6	86.3	85.5	85.1	84.6	84.5	84.4	86.3	14 8	91.0	5 0	83.0	18
90.1	89.1	88.2	86.6	85.8	85.3	85.0	84.7	84.5	86.3	13 48	90.8	6 0	82.6	19
90.3	89.1	87.6	86.3	85.5	84.8	84.5	84.5	84.3	86.4	13 50	90.8	4 40	83.2	20
90.1	89.3	87.2	85.7	84.7	84.4	84.0	83.5	83.4	86.1	13 30	90.7	5 20	82.4	21
89.5	88.6	87.0	85.7	84.7	84.4	83.6	83.6	83.5	85.2	14 32	90.1	4 52	80.4	22
90.1	89.3	87.4	86.0	85.2	84.8	84.6	84.5	84.5	86.1	14 10	91.1	4 22	82.2	23
91.3	90.7	89.1	87.7	86.5	86.3	86.0	85.5	85.2	87.1	14 22	91.5	4 8	83.2	24
90.6	89.6	88.1	86.6	86.0	85.6	84.3	84.5	84.5	86.9	14 28	91.5	6 0	83.3	25
90.5	88.4	85.4	85.4	85.0	84.7	84.7	84.7	84.6	86.4	14 2	91.4	4 40	83.2	26
89.1	88.4	87.2	86.4	85.8	85.6	85.5	85.4	85.4	86.7	13 56	91.0	6 0	84.0	27
90.5	80.1	80.8	80.8	81.6	80.7	80.6	81.0	81.5	83.1	8 26	87.6	15 50	79.3	28
84.2	84.4	84.2	82.4	82.9	82.5	81.1	81.0	80.5	82.8	13 8	86.7	5 34	79.5	29
84.7	84.1	83.4	82.6	82.5	82.4	82.4	82.5	82.2	81.8	14 22	85.5	1 30	77.5	30
82.2	82.3	82.0	81.5	81.3	81.3	80.3	76.9	78.3	80.6	13 20	83.8	7 18	76.5	31
88.7	87.7	86.4	85.1	84.5	84.2	83.8	83.6	83.5	85.4					Mean.
+3.3	+2.3	+1.0	-0.3	-0.9	-1.2	-1.6	-1.8	-1.9						Variation.

JUNE.

84.3	83.5	82.9	82.0	81.7	81.8	81.5	80.9	80.6	81.7	12 18	85.2	4 24	79.0	1
78.6	78.0	77.9	78.4	78.6	78.1	78.6	78.6	78.5	78.2	0 10	79.8	5 40	76.3	2
77.1	78.5	79.7	80.1	80.5	80.1	78.8	79.9	80.8	78.9	8 25	81.8	14 30	76.4	3
80.4	78.6	78.5	79.5	79.9	79.3	80.3	80.8	79.0	79.8	13 10	83.0	5 0	76.3	4
76.5	76.4	79.8	81.7	82.3	82.4	82.6	82.5	82.5	79.8	20 40	83.1	14 35	76.0	5
86.5	85.7	84.9	84.2	83.5	83.3	83.3	83.0	82.5	83.9	12 40	87.1	4 5	81.7	6
86.8	85.5	82.8	83.3	83.0	82.1	81.1	79.6	81.4	83.7	14 15	88.1	22 14	79.0	7
85.4	85.4	84.7	83.9	80.8	80.5	81.2	80.8	80.2	82.1	13 35	86.5	6 0	77.1	8
85.9	85.8	84.8	83.6	82.6	82.5	82.4	82.2	82.2	82.4	13 40	86.8	1 20	74.8	9
86.2	85.9	84.8	83.7	83.0	82.7	82.3	82.2	81.9	83.0	13 46	86.7	1 30	78.2	10
85.4	85.3	84.5	83.8	83.2	82.5	82.7	81.0	80.7	83.5	12 8	86.8	22 35	79.5	11
77.7	78.9	79.0	78.9	78.8	78.7	78.8	78.9	78.4	78.0	13 16	79.8	1 4	75.8	12
84.2	84.9	83.8	83.0	82.7	82.5	82.3	82.2	82.1	81.3	16 15	85.8	4 40	78.0	13
86.0	85.5	84.6	83.7	83.4	83.2	82.7	82.6	82.3	83.6	13 24	86.6	5 30	81.2	14
84.9	84.9	84.3	83.6	83.3	82.8	82.6	81.4	80.1	82.7	12 48	86.1	23 18	80.0	15
86.3	86.1	84.0	83.3	83.4	83.3	82.7	82.7	82.7	83.5	13 12	87.1	2 58	78.7	16
86.4	86.4	85.2	84.0	83.4	82.9	82.8	82.5	82.4	83.5	15 30	86.8	3 10	81.2	17
87.6	86.9	85.7	84.7	84.0	83.6	83.5	83.1	82.7	84.2	15 10	88.0	3 0	81.3	18
86.9	86.9	85.8	84.7	84.3	83.8	83.6	83.3	82.8	84.4	14 40	88.0	5 50	81.4	19
87.2	86.8	85.2	84.0	83.2	82.7	82.7	82.7	82.6	84.3	15 18	88.0	3 6	82.0	20
85.5	86.5	85.6	84.7	83.9	83.7	83.7	83.6	83.5	84.3	13 14	88.5	5 35	81.4	21
83.8	82.7	82.5	82.0	81.6	81.5	81.4	81.3	81.3	82.4	11 10	85.6	7 5	80.0	22
85.2	85.2	85.0	84.5	82.7	81.2	81.4	81.4	81.4	82.9	14 40	86.6	5 0	80.3	23
82.8	82.3	82.3	82.1	80.9	80.5	80.9	81.4	81.4	81.5	11 20	84.8	6 20	79.4	24
81.4	80.2	80.7	80.7	81.2	81.1	81.0	78.9	78.7	81.4	11 18	85.0	23 55	78.5	25
80.9	77.9	79.0	80.6	81.2	80.7	81.0	81.9	81.9	80.5	11 28	85.0	4 16	76.4	26
78.2	78.4	79.8	80.5	78.9	78.6	79.7	80.2	80.8	81.0	11 16	84.6	15 32	77.8	27
78.5	80.6	81.4	81.5	81.3	81.3	81.6	81.4	79.4	80.1	8 10	82.2	9 28	76.1	28
84.3	83.6	83.3	82.4	82.4	82.4	81.8	81.7	81.4	82.4	13 40	85.8	0 28	79.0	29
82.7	82.5	81.6	81.5	81.6	81.6	81.6	81.7	81.7	82.3	12 22	85.1	3 30	81.4	30
83.5	83.2	82.8	82.5	82.0	81.7	81.7	81.5	81.3	82.0					Mean.
+1.5	+1.2	+0.8	+0.5	0	-0.3	-0.3	-0.5	-0.7						Variation.

AIR TEMPERATURE, 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)
(IN DEGREES FAHRENHEIT.)

JULY.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	81.6	81.5	81.6	81.4	81.5	81.5	81.5	81.8	82.8	82.9	83.5	84.4	84.7	84.6	84.5
2	81.7	81.2	81.3	81.4	81.0	81.1	81.3	82.0	83.0	84.0	84.5	84.3	84.5	85.3	84.7
3	81.4	81.4	81.3	81.4	81.3	81.3	81.5	82.3	83.0	84.1	84.3	84.8	85.5	85.9	85.8
4	81.5	81.5	80.1	77.4	77.6	79.3	80.4	80.2	82.0	83.0	84.4	84.4	83.9	85.2	85.0
5	81.4	80.4	80.4	80.5	78.2	78.5	80.4	81.5	82.5	83.5	84.5	85.0	85.4	85.2	84.8
6	81.5	81.3	81.0	81.0	79.1	77.2	79.5	81.4	82.3	83.5	81.5	79.1	78.7	80.0	82.7
7	77.1	77.7	78.4	79.0	79.2	77.9	78.3	78.7	78.7	80.3	80.3	82.3	83.6	84.0	83.9
8	78.8	79.5	80.0	78.4	78.5	79.1	79.5	79.9	80.9	82.8	81.9	80.9	82.4	84.0	84.5
9	81.4	81.4	80.9	80.8	79.8	80.3	80.8	81.6	81.3	81.1	80.0	82.6	84.0	84.6	85.0
10	81.6	81.5	81.3	81.2	81.5	81.4	81.6	82.4	83.2	84.4	84.9	84.8	81.8	81.1	81.2
11	80.6	80.7	81.1	81.1	81.3	81.3	80.8	79.9	78.4	78.6	80.0	82.2	82.2	83.9	83.6
12	78.2	80.1	80.5	80.6	80.7	80.9	80.8	80.5	81.5	82.0	82.9	83.6	83.9	82.9	82.3
13	81.2	81.4	80.9	80.2	80.0	81.0	81.0	80.9	81.1	81.3	81.3	81.8	82.1	82.8	82.7
14	78.9	78.9	78.9	79.3	79.8	80.2	80.4	81.1	81.8	82.1	83.3	81.9	82.6	83.9	84.4
15	81.0	80.9	80.9	80.6	80.0	80.0	80.4	81.1	81.6	81.9	82.6	83.8	83.4	82.7	83.6
16	78.2	77.9	78.1	78.4	77.6	77.5	77.4	78.2	78.0	78.3	80.0	80.6	81.6	82.2	82.5
17	79.7	80.0	80.0	80.0	79.8	80.3	80.4	80.7	81.6	82.0	82.4	83.1	83.5	81.7	81.9
18	80.6	80.5	79.9	79.7	79.8	79.5	80.5	81.1	82.1	82.8	83.7	84.3	84.3	83.8	84.0
19	80.6	79.9	80.4	80.3	80.5	80.4	80.6	81.1	82.4	83.4	84.2	84.9	84.6	84.4	84.2
20	79.6	79.8	79.7	79.7	79.9	78.9	78.4	79.4	79.9	77.9	78.8	82.0	83.1	84.1	84.0
21	79.7	79.7	79.8	79.0	79.5	79.8	79.8	80.8	81.5	82.7	83.5	84.2	84.5	84.6	84.9
22	78.9	79.9	79.9	79.9	79.9	80.0	80.0	80.8	82.0	83.1	83.6	83.8	84.5	84.8	84.6
23	80.4	80.2	80.2	80.2	80.4	80.5	80.6	80.8	81.5	82.4	82.5	83.3	83.8	84.3	84.4
24	80.9	80.4	80.5	80.5	80.5	80.5	80.9	80.1	81.4	81.8	81.6	81.9	82.3	82.8	83.0
25	80.6	80.6	80.5	80.5	80.5	80.5	80.6	80.9	81.8	81.7	82.5	83.7	83.5	84.3	83.7
26	80.8	80.4	80.4	80.1	79.9	79.9	80.1	80.8	81.6	81.1	83.4	84.3	84.4	84.0	83.5
27	80.7	80.6	78.9	79.9	79.9	79.9	80.3	80.8	79.8	80.5	81.8	81.6	81.2	82.8	82.9
28	80.2	80.4	79.5	77.4	78.0	79.0	79.1	79.8	80.2	80.9	81.0	80.5	81.4	80.8	80.9
29	79.0	78.9	78.3	78.8	78.9	78.5	79.0	79.5	80.0	79.0	80.9	81.1	81.3	80.3	80.8
30	79.5	79.4	78.9	78.9	78.9	78.9	79.4	79.8	78.2	78.1	80.0	82.6	83.6	84.0	84.1
31	79.9	79.8	79.8	79.4	79.5	79.4	79.7	80.8	82.0	83.4	84.4	84.3	84.6	84.9	85.0
Mean . .	80.2	80.3	80.1	79.9	79.8	79.8	80.2	80.7	81.2	81.7	82.4	83.0	83.3	83.5	83.6
Variation. .	-1.2	-1.1	-1.3	-1.5	-1.6	-1.6	-1.2	-0.7	-0.2	+0.3	+1.0	+1.6	+1.9	+2.1	+2.2

AUGUST.

1	80.5	80.4	80.4	79.8	79.2	78.7	79.4	80.6	82.0	82.9	84.3	84.4	84.5	84.3	84.2
2	80.5	79.4	79.6	79.5	80.0	80.1	80.2	80.5	81.3	82.3	82.9	83.9	83.4	83.3	84.5
3	80.8	80.6	80.5	80.4	80.1	80.0	80.5	81.0	82.1	82.3	83.0	84.1	84.5	85.1	85.0
4	80.9	80.8	80.9	80.9	80.8	80.9	80.5	80.4	79.4	80.8	82.2	83.6	84.2	84.2	84.0
5	80.5	80.5	80.5	80.3	80.4	79.5	77.7	77.4	78.6	80.3	81.2	82.0	82.5	82.2	81.4
6	79.8	79.8	79.6	79.6	79.4	79.2	78.3	78.2	77.5	77.3	78.8	79.9	81.5	82.0	81.7
7	78.1	78.3	78.7	78.9	79.2	78.7	79.0	78.7	79.8	79.9	80.4	81.2	80.6	78.1	77.3
8	77.9	77.8	77.6	77.5	77.6	77.5	78.0	79.2	80.0	81.9	82.4	83.0	82.6	82.4	83.2
9	79.8	79.5	79.4	79.5	79.1	79.1	79.6	79.3	81.4	82.8	83.8	84.5	84.6	83.8	84.2
10	80.6	80.5	80.3	80.0	80.0	80.0	79.9	80.7	80.4	80.6	81.0	81.1	81.6	82.0	82.4
11	79.6	79.0	78.3	79.5	79.3	79.5	80.1	80.8	81.4	82.1	83.0	83.7	82.9	84.0	84.4
12	80.5	79.7	79.6	79.6	79.2	78.9	79.8	80.5	81.5	81.4	82.8	83.3	83.1	83.3	84.3
13	79.9	79.9	80.0	79.7	79.6	79.6	80.0	80.4	81.5	81.2	83.0	84.3	84.5	84.6	84.3
14	78.8	77.8	78.4	78.0	78.5	78.8	78.9	79.5	79.0	80.8	79.8	80.5	82.5	83.6	83.5
15	77.0	77.4	77.6	78.0	77.6	78.1	78.1	79.5	80.5	82.1	83.0	83.9	81.9	80.6	79.6
16	79.5	79.5	79.5	79.5	79.5	79.5	79.6	80.2	80.6	81.4	81.5	81.4	80.9	80.6	80.0
17	78.7	78.5	78.6	78.9	78.8	79.1	79.5	79.8	81.1	82.0	83.4	84.5	84.5	84.6	84.6
18	80.0	80.0	79.8	79.8	79.5	79.7	80.0	80.6	81.6	82.5	81.0	79.8	82.2	82.6	82.8
19	79.0	78.4	78.5	78.5	79.4	79.5	79.4	80.3	80.2	81.7	83.0	82.3	83.5	82.8	82.7
20	79.6	80.4	80.1	80.0	80.5	79.8	80.3	80.0	79.8	81.3	82.2	83.0	82.4	83.0	82.8
21	80.4	80.5	79.8	78.7	79.2	79.6	79.7	79.5	80.6	81.6	82.4	82.7	83.6	84.1	84.2
22	80.6	80.5	80.5	80.5	79.6	79.6	79.8	80.8	81.8	83.2	84.4	84.4	84.9	84.9	84.8
23	80.4	80.3	80.2	80.1	80.0	80.0	80.0	80.8	81.7	82.8	83.9	84.9	85.1	84.8	84.9
24	80.3	79.9	79.5	79.5	79.5	79.4	79.5	80.0	81.5	82.5	83.1	84.0	84.7	84.6	83.9
25	80.5	80.2	79.9	79.7	79.6	79.5	79.9	80.7	81.5	83.0	84.2	84.3	84.2	84.4	83.5
26	80.0	79.8	79.5	79.5	79.4	79.0	78.1	80.1	81.5	80.8	81.3	81.7	81.6	80.7	81.5
27	79.4	78.9	78.4	78.2	78.0	77.5	76.5	76.5	77.2	80.0	82.4	82.9	83.0	83.8	82.0
28	78.3	78.7	79.3	79.5	79.1	79.5	79.6	80.4	81.6	82.3	83.7	83.8	84.4	84.5	83.8
29	80.5	80.4	80.3	80.4	80.3	79.1	79.5	80.1	80.3	81.1	82.3	83.5	84.5	85.0	84.5
30	79.6	79.6	79.5	79.5	79.3	79.3	79.5	80.4	82.0	83.0	84.4	84.7	84.9	85.3	85.5
31	79.9	79.7	79.6	79.5	79.4	79.2	79.6	80.8	81.3	82.1	83.5	82.8	84.0	84.4	84.6
Mean . .	79.7	79.6	79.5	79.5	79.4	79.3	79.4	79.9	80.7	81.7	82.5	83.0	83.3	83.3	83.2
Variation. .	-1.2	-1.3	-1.4	-1.4	-1.5	-1.6	-1.5	-1.0	-0.2	+0.8	+1.6	+2.1	+2.4	+2.4	+2.3

AIR TEMPERATURE, 1925.

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(Averages for periods of sixty minutes from full hour to full hour of local mean time.)
(IN DEGREES FAHRENHEIT.)

JULY.

Hours.										Mean.	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24	Time.		Mag.	Time.	Mag.		
									H. M.			H. M.			
84.4	84.0	82.9	82.5	82.2	81.5	81.4	81.5	81.6	82.6	12 14	85.3	7 22	81.0	1	
84.5	84.1	83.4	82.6	82.5	82.2	81.6	81.8	81.2	82.7	14 12	85.6	4 55	80.7	2	
82.2	83.4	83.2	82.4	82.2	82.0	81.9	81.5	81.3	82.7	12 58	86.1	5 4	80.9	3	
84.2	83.4	82.9	82.5	82.4	82.0	81.8	81.6	81.5	82.0	14 6	86.3	4 30	77.2	4	
84.4	84.5	83.5	82.6	82.3	81.8	81.6	81.6	81.5	82.3	12 8	85.7	4 48	77.0	5	
83.6	79.9	79.9	80.4	81.1	81.5	81.4	81.4	79.6	80.8	15 32	84.7	5 10	76.5	6	
84.0	83.5	83.0	82.4	80.6	81.4	81.4	81.2	81.0	80.7	14 10	85.0	0 45	77.0	7	
84.6	82.8	82.4	82.0	81.7	81.2	80.9	81.4	81.5	81.2	15 30	85.2	3 58	78.1	8	
84.8	84.4	83.4	82.8	82.2	82.0	81.9	81.6	81.8	82.1	14 5	85.2	7 40	78.4	9	
81.0	77.9	77.6	78.9	79.9	80.5	80.2	80.9	80.9	81.3	11 40	85.2	16 30	77.1	10	
82.8	82.9	80.6	81.2	80.6	79.8	79.3	79.8	78.1	80.9	14 10	84.7	7 48	76.5	11	
82.3	82.4	81.6	80.9	81.0	81.6	81.8	80.9	81.0	81.5	12 20	84.5	0 8	77.0	12	
82.8	82.4	81.0	80.3	80.1	80.9	80.4	79.8	80.3	81.2	15 8	83.6	23 58	79.7	13	
84.3	82.1	82.3	81.5	81.4	81.4	80.9	81.3	81.3	81.4	14 10	84.5	2 20	77.5	14	
81.8	82.2	80.6	80.6	78.9	78.8	78.7	78.7	78.9	81.0	14 20	84.2	21 22	78.0	15	
82.3	82.1	81.6	80.3	79.4	79.1	79.0	79.0	79.5	79.5	14 0	83.0	2 50	77.0	16	
82.8	81.9	81.4	80.8	80.9	80.6	80.6	80.6	80.6	81.1	12 26	84.4	0 2	79.3	17	
83.1	82.2	81.5	80.9	80.9	80.7	80.8	80.6	80.6	81.6	15 6	85.5	5 4	79.3	18	
84.0	83.2	82.5	81.6	81.0	80.9	80.8	80.2	79.7	81.9	12 16	85.8	1 8	79.2	19	
83.7	83.3	82.4	81.6	81.4	80.8	80.7	80.6	79.8	80.8	13 30	84.7	8 48	77.2	20	
84.7	84.2	83.0	82.2	81.6	81.5	81.4	81.3	80.1	81.8	14 28	85.6	3 20	78.2	21	
84.4	83.8	82.6	81.7	81.5	81.2	80.8	80.6	80.5	81.8	13 50	85.2	0 10	78.0	22	
83.6	82.2	81.5	81.4	81.2	81.2	81.1	80.9	80.9	81.6	14 18	84.7	0 32	80.0	23	
82.6	82.4	81.9	81.3	80.9	80.8	80.7	80.6	80.5	81.3	14 32	83.6	7 30	79.8	24	
83.4	83.1	82.2	81.6	81.4	81.0	80.9	80.8	80.7	81.7	13 25	84.4	2 10	80.4	25	
83.2	82.8	81.9	81.4	81.5	81.1	80.5	80.5	80.6	81.6	12 10	84.7	7 0	79.5	26	
80.8	82.2	80.8	80.4	79.8	80.1	80.3	80.3	80.4	80.7	14 10	83.8	2 18	77.4	27	
81.1	80.7	80.6	80.6	80.5	79.9	79.3	79.4	79.2	80.0	12 48	82.6	4 0	76.4	28	
80.8	79.2	79.6	79.2	79.2	79.2	79.4	79.0	78.9	79.5	15 24	81.6	3 12	78.1	29	
83.8	83.3	82.5	81.5	81.4	81.3	80.9	80.5	80.2	80.8	14 24	84.6	8 40	77.9	30	
84.6	84.8	83.4	81.9	81.5	81.0	80.6	80.5	80.5	81.9	13 0	86.0	3 42	78.9	31	
83.2	82.6	81.9	81.4	81.1	80.9	80.7	80.7	80.5	81.4					Mean.	
+1.8	+1.2	+0.5	0	-0.3	-0.5	-0.7	-0.7	-0.9						Variation.	

AUGUST.

84.0	81.7	81.9	81.5	81.4	81.1	81.0	80.5	80.5	81.6	15 40	84.7	5 0	77.2	1
84.5	83.9	82.8	82.0	81.5	81.4	80.8	81.1	81.0	81.7	15 16	84.8	1 34	78.8	2
82.4	79.8	81.0	80.9	80.9	80.8	81.1	80.9	80.9	81.6	13 35	85.4	16 22	79.4	3
83.8	83.7	82.4	81.6	81.4	81.1	81.0	80.7	80.5	81.7	13 20	84.5	8 4	77.5	4
81.4	81.3	80.3	80.4	79.1	78.2	79.1	78.4	79.4	80.1	12 12	82.8	7 50	76.8	5
80.6	79.0	79.0	79.5	79.6	79.1	79.5	79.3	78.5	79.4	14 8	82.3	8 40	76.9	6
76.5	76.8	77.0	77.0	77.4	77.4	77.6	77.6	77.8	78.4	12 18	82.0	15 20	76.3	7
83.1	81.8	81.2	80.6	80.5	80.5	80.5	80.5	80.0	80.3	14 28	83.6	3 10	77.3	8
83.9	83.5	82.6	81.6	81.2	80.6	81.2	80.6	80.6	81.5	12 30	85.4	5 0	78.4	9
82.6	82.5	82.2	81.5	79.8	80.5	80.6	80.5	80.5	80.9	15 2	83.6	19 6	78.8	10
83.9	83.5	82.7	81.8	81.5	81.5	81.4	81.2	80.4	81.5	14 50	85.0	0 56	77.5	11
83.2	82.4	81.9	81.4	80.8	80.6	80.5	80.5	79.7	81.2	12 18	84.6	4 52	78.2	12
83.8	83.6	82.1	81.4	80.6	80.0	79.0	79.5	78.6	81.3	13 30	84.8	21 0	78.0	13
83.5	79.8	80.0	80.0	79.6	78.8	76.8	77.4	78.1	79.7	13 40	84.0	21 10	76.5	14
80.1	78.9	77.6	78.0	78.6	78.9	78.7	79.3	79.4	79.3	12 2	84.4	0 28	76.0	15
80.1	79.8	79.0	78.6	78.8	78.7	78.6	78.5	78.7	79.7	11 0	81.7	17 56	78.3	16
84.7	83.5	82.0	81.5	81.3	81.2	81.0	80.6	80.5	81.4	13 50	85.4	1 16	78.4	17
83.3	83.7	82.5	81.4	80.5	79.4	78.4	79.3	78.1	80.8	16 40	84.2	23 20	77.4	18
83.1	82.5	81.3	80.2	80.2	80.4	80.4	79.6	79.3	80.7	12 36	83.8	3 4	77.3	19
82.8	82.2	80.8	80.2	79.8	80.4	80.4	80.0	80.4	80.9	11 34	83.6	0 2	78.2	20
83.5	83.0	82.1	81.5	81.4	81.1	80.8	81.0	80.6	81.3	14 34	84.7	3 40	78.4	21
83.9	82.5	82.5	81.4	81.1	81.1	80.7	80.7	80.5	81.9	12 32	85.5	6 4	79.2	22
84.9	83.3	82.0	81.1	80.5	80.5	80.5	80.5	80.4	81.8	12 10	85.7	4 50	79.9	23
83.4	82.8	82.2	81.5	80.8	80.5	80.5	80.5	80.5	81.4	12 22	84.9	4 30	79.3	24
82.8	82.2	81.6	81.3	80.9	80.8	80.7	80.2	80.1	81.5	11 40	84.8	4 5	79.4	25
82.1	82.5	82.1	81.5	81.3	81.0	80.0	79.5	79.5	80.6	16 12	82.8	6 0	77.5	26
81.2	80.0	80.1	80.1	80.2	79.6	80.0	79.3	79.5	79.8	14 18	84.6	6 30	76.3	27
83.3	82.5	81.8	80.7	81.1	81.1	80.8	80.5	80.4	81.3	13 10	85.1	0 46	76.9	28
83.0	82.5	81.9	81.3	81.2	80.8	80.8	80.2	79.5	81.4	14 6	85.5	5 15	78.4	29
84.9	84.4	82.9	81.8	81.5	81.2	81.1	80.6	80.1	81.9	13 20	85.6	5 0	79.2	30
84.8	83.9	82.6	82.3	81.8	81.5	81.4	81.0	80.6	81.7	14 56	85.5	6 50	79.0	31
82.9	82.0	81.4	80.8	80.5	80.3	80.2	80.0	79.8	80.9					Mean.
+2.0	+1.1	+0.5	-0.1	-0.4	-0.6	-0.7	-0.9	-1.1						Variation.

AIR TEMPERATURE, 1925.

SEPTEMBER. (Averages for periods of sixty minutes from full hour to full hour of local mean time.) (IN DEGREES FAHRENHEIT.)

Date.		Hours.													
		0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	80.3	80.3	80.0	79.9	79.9	79.3	79.3	79.9	80.8	81.9	83.4	84.3	84.9	85.3	85.3
2	80.4	80.5	79.9	79.5	79.5	79.5	79.9	80.8	81.4	82.6	83.8	84.2	84.3	84.1	83.9
3	78.6	78.4	78.8	78.5	78.5	78.0	77.9	79.1	80.2	79.8	81.3	82.9	80.0	79.8	81.4
4	79.5	79.3	78.0	78.3	78.4	78.4	78.6	73.6	78.4	80.9	81.8	81.8	81.8	83.2	84.2
5	78.7	78.8	78.8	77.5	76.6	76.8	76.2	76.6	77.4	78.2	79.8	81.4	82.2	82.6	80.1
6	78.7	78.5	78.2	78.2	77.9	77.8	78.1	79.5	78.2	79.0	80.0	81.7	78.9	79.9	81.2
7	79.8	79.8	79.4	77.1	77.1	77.4	78.1	79.0	80.8	82.5	83.4	83.8	82.4	82.7	83.6
8	79.5	79.6	79.6	79.4	78.9	78.1	78.8	79.5	81.0	81.9	82.6	82.7	83.3	83.2	83.4
9	78.6	76.3	78.0	78.6	78.6	78.3	78.4	79.0	80.1	81.2	80.7	82.7	83.6	83.4	83.4
10	75.4	75.5	74.8	74.9	74.9	75.3	75.3	74.7	75.9	76.4	76.3	76.7	77.3	78.1	77.6
11	76.8	76.6	76.6	76.6	76.7	76.4	76.4	76.7	78.9	79.9	81.2	81.9	83.0	83.7	84.0
12	77.8	77.5	77.4	77.4	77.0	77.5	77.7	79.0	77.0	76.9	77.5	78.2	79.3	80.0	77.3
13	77.2	77.2	77.1	77.0	76.9	76.9	77.6	78.9	79.4	78.9	80.1	81.7	82.9	83.7	83.8
14	78.4	78.4	78.3	78.5	78.5	78.4	77.3	76.8	78.9	80.8	82.1	82.8	83.9	84.4	83.7
15	79.2	78.4	78.5	78.4	78.4	78.5	78.5	79.8	81.1	82.4	83.2	83.4	83.2	84.0	84.3
16	78.7	78.6	78.2	77.8	76.8	76.4	76.9	78.5	80.3	80.8	81.8	82.4	83.1	83.7	83.6
17	78.3	78.6	78.5	78.8	78.6	78.4	78.2	78.7	79.3	81.1	82.7	83.4	83.6	84.3	84.7
18	78.9	78.4	78.6	78.2	77.5	77.5	78.1	79.5	81.0	81.8	83.0	83.8	84.5	85.1	85.2
19	78.9	79.3	79.2	79.2	78.6	78.3	78.6	80.0	81.2	82.2	83.2	84.3	84.5	85.2	85.3
20	80.3	80.3	80.3	80.4	80.0	79.9	79.8	79.9	79.8	81.0	81.4	83.5	84.0	84.0	83.9
21	79.4	78.8	78.6	78.9	79.2	79.4	79.8	80.1	80.2	80.8	82.8	83.9	84.8	84.6	84.0
22	78.3	77.8	77.6	77.5	77.5	77.7	78.4	79.3	79.9	80.8	82.4	83.7	84.4	84.8	85.1
23	78.4	77.9	77.5	77.5	77.4	77.7	78.0	79.8	81.3	81.8	82.3	83.1	84.3	85.0	85.2
24	78.7	78.4	78.4	78.2	77.6	77.4	77.8	79.5	81.4	82.5	83.2	83.9	84.9	85.3	85.0
25	78.8	78.8	78.8	78.6	78.1	77.8	78.2	79.7	81.7	83.1	83.9	85.2	85.7	86.3	86.4
26	81.4	80.9	81.3	80.8	80.5	80.3	80.4	81.4	82.5	83.8	83.9	85.1	86.3	86.9	87.4
27	80.8	80.5	80.4	80.1	80.1	79.6	78.9	80.1	82.3	83.4	84.8	85.9	86.8	86.5	86.5
28	79.5	79.4	79.4	78.9	78.7	78.7	78.8	79.9	81.4	82.6	83.9	85.2	86.0	86.4	87.1
29	81.3	80.8	80.8	80.2	79.8	79.3	79.3	80.1	82.1	83.8	85.3	85.2	85.9	86.4	86.8
30	77.6	77.8	77.8	78.1	77.9	77.6	77.9	79.4	80.9	82.4	83.9	84.8	85.9	86.6	87.3
Mean	78.9	78.7	78.6	78.4	78.2	78.1	78.2	79.1	80.2	81.2	82.2	83.1	83.5	84.0	84.0
Variation	-1.7	-1.9	-2.0	-2.2	-2.4	-2.5	-2.4	-1.5	-0.4	+0.6	+1.6	+2.5	+2.9	+3.4	+3.4

OCTOBER.

1	78.5	78.4	78.0	78.0	77.9	77.9	78.4	79.9	81.3	82.8	84.0	85.2	86.0	86.7	86.7
2	80.3	80.3	79.9	79.7	79.3	79.0	79.2	80.9	82.8	84.5	85.7	86.8	87.6	88.2	88.3
3	82.4	82.0	81.4	81.4	81.1	80.5	80.6	81.9	83.1	85.0	86.8	88.0	89.9	91.4	91.5
4	82.4	81.8	81.2	80.6	80.5	80.0	80.2	81.4	83.1	84.7	86.4	88.0	89.0	89.5	89.8
5	81.1	80.6	80.5	80.1	79.8	79.3	79.5	80.5	82.5	84.2	86.2	87.6	88.2	89.0	89.2
6	82.4	81.8	81.8	81.8	81.5	81.2	81.5	82.2	83.6	85.4	86.5	86.6	87.6	88.7	89.4
7	81.8	81.5	81.4	80.6	80.5	79.9	79.8	81.3	82.7	84.1	85.3	87.1	88.6	89.3	88.8
8	82.4	81.9	81.8	81.6	81.1	81.2	81.5	82.4	83.7	85.7	88.0	89.0	89.0	90.0	90.0
9	81.6	81.1	81.2	81.5	81.0	80.7	80.5	81.3	82.2	83.5	84.9	87.5	89.2	90.2	89.6
10	80.6	80.6	80.5	80.4	80.4	80.3	80.6	81.7	83.4	84.8	86.1	86.5	87.5	88.6	88.6
11	82.5	82.2	81.6	81.5	81.5	81.5	81.7	82.9	84.3	85.9	87.3	89.1	89.5	89.8	90.1
12	83.5	83.1	83.1	82.5	82.1	81.9	82.1	83.0	84.8	86.5	87.5	88.5	90.0	90.1	90.6
13	84.6	84.5	84.2	83.5	83.3	82.8	82.6	83.2	84.7	86.0	86.9	88.4	88.5	88.6	89.5
14	83.4	83.5	82.4	82.0	81.5	81.5	81.5	82.1	83.1	84.5	86.0	86.3	87.0	87.6	87.6
15	82.3	82.3	82.1	81.6	81.5	81.2	81.4	82.2	84.0	85.3	86.5	87.0	87.5	87.6	87.8
16	81.4	81.4	81.5	81.4	81.2	80.5	80.9	82.5	84.5	86.3	87.3	88.1	88.2	88.5	88.4
17	83.0	82.6	82.4	81.5	81.3	80.7	81.0	82.4	84.0	85.5	86.6	87.3	87.5	87.6	87.4
18	83.4	83.2	82.9	82.6	81.7	81.0	80.8	82.2	84.3	85.3	86.3	86.5	86.5	87.5	87.5
19	81.0	81.0	81.1	80.7	80.1	79.5	79.5	80.6	82.1	84.0	85.9	86.4	87.6	87.8	87.5
20	81.2	80.5	80.0	79.7	79.2	79.0	79.4	80.4	82.4	83.9	85.1	86.6	87.7	88.5	88.4
21	82.3	81.0	80.6	80.5	80.3	79.7	79.7	80.9	82.1	84.0	85.8	87.0	88.1	89.0	89.5
22	82.5	82.2	82.5	82.3	81.4	80.6	81.1	82.3	83.2	85.1	87.1	88.7	90.7	91.5	91.7
23	82.3	81.5	80.5	79.6	79.5	79.6	79.9	81.1	83.5	85.1	86.3	88.4	90.6	91.6	91.5
24	82.4	82.1	81.6	81.5	81.6	81.1	81.4	82.5	84.5	86.5	87.8	89.0	90.3	91.4	92.0
25	81.2	80.4	79.4	79.0	78.7	77.9	77.6	79.0	80.6	82.6	84.9	87.0	88.0	89.1	89.5
26	81.2	80.4	79.5	79.4	78.8	78.3	78.3	79.6	81.1	82.9	85.1	86.6	88.2	89.1	89.5
27	80.1	78.7	77.7	77.5	77.9	76.7	77.1	78.5	80.1	82.0	84.4	86.5	87.5	88.0	88.1
28	80.1	79.7	79.6	78.2	77.8	77.6	78.3	79.9	81.5	83.1	84.8	87.1	89.1	89.9	90.1
29	81.6	81.2	80.5	80.0	79.4	78.7	78.7	79.8	81.9	84.1	85.6	87.6	89.0	89.5	89.9
30	81.5	81.3	80.6	80.1	79.6	78.7	79.4	81.0	82.5	84.5	86.3	88.0	89.4	89.5	89.5
31	81.5	81.4	81.1	80.4	79.7	79.4	79.0	80.5	81.9	83.6	85.9	87.4	88.3	89.5	89.5
Mean	81.8	81.4	81.1	80.7	80.4	79.9	80.1	81.3	82.9	84.6	86.1	87.4	88.5	89.1	89.3
Variation	-2.3	-2.7	-3.0	-3.4	-3.7	-4.2	-4.0	-2.8	-1.2	+0.5	+2.0	+3.3	+4.4	+5.0	+5.2

AIR TEMPERATURE, 1925.

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(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER.

(IN DEGREES FAHRENHEIT.)

Hours.									Mean.	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time	Mag.	Time	Mag.	
										H. M.		H. M.		
84.6	83.9	82.9	81.8	81.5	81.4	80.9	80.6	80.5	81.8	13 40	85.5	6 56	79.1	1
82.9	81.0	80.7	80.8	80.8	79.9	79.4	78.9	79.3	81.2	11 40	84.8	4 24	78.8	2
82.5	82.7	81.9	80.9	80.6	80.0	79.8	79.7	79.5	80.0	11 42	83.8	5 48	77.8	3
84.4	83.8	81.6	80.8	80.4	80.3	79.8	77.9	78.9	80.4	14 50	84.6	2 36	77.4	4
80.1	80.8	80.7	80.5	80.1	79.1	78.6	78.8	78.9	79.1	13 8	83.3	6 30	76.0	5
81.8	82.0	80.9	80.5	80.3	80.0	79.8	80.0	80.1	79.7	11 26	82.8	8 58	77.5	6
81.9	80.4	79.9	80.1	80.2	80.0	79.9	79.8	79.8	80.4	11 40	84.6	4 0	76.6	7
83.4	82.9	80.9	79.6	79.4	78.8	78.8	79.3	79.2	80.6	14 32	83.8	5 58	77.8	8
83.9	81.2	78.4	79.2	79.2	76.5	76.8	77.0	75.3	79.5	15 30	84.8	23 10	75.2	9
76.8	77.7	76.9	76.8	76.8	76.7	76.8	76.8	76.6	76.3	13 0	78.4	7 10	74.6	10
84.1	83.6	82.0	80.7	80.0	79.6	79.2	78.4	78.1	79.6	14 40	84.5	7 18	76.3	11
79.4	80.7	80.2	79.1	78.4	78.3	77.9	77.6	77.3	78.2	16 40	81.2	14 24	76.0	12
83.9	82.2	81.8	80.5	80.1	79.8	78.9	77.4	77.9	79.7	15 0	84.1	4 20	76.8	13
82.3	82.2	81.4	80.4	79.8	79.7	79.5	79.4	79.4	80.2	14 10	84.6	6 42	76.0	14
83.9	83.4	82.2	81.3	79.8	79.3	79.4	79.4	79.3	80.8	13 10	84.6	1 6	77.4	15
83.7	83.6	81.8	80.6	80.3	79.9	79.6	79.4	78.4	80.2	15 32	84.4	5 5	76.3	16
84.6	83.8	82.3	81.0	80.4	80.0	79.8	79.6	79.6	80.8	14 10	84.8	6 22	78.1	17
84.9	84.0	82.7	81.5	80.9	80.6	80.4	80.0	79.3	81.1	14 4	85.5	4 34	77.4	18
84.7	83.9	82.7	81.6	81.2	80.8	80.6	80.4	80.3	81.4	14 24	85.5	5 10	78.2	19
84.3	82.8	81.5	80.8	80.5	80.3	79.9	79.8	79.7	81.2	12 10	84.6	8 34	79.4	20
84.3	83.5	82.4	81.3	80.7	80.5	80.0	79.7	78.8	81.1	13 16	85.0	1 55	78.4	21
84.7	83.9	82.5	81.5	80.7	80.4	79.9	79.8	79.2	80.7	14 30	85.5	4 0	77.4	22
84.9	84.0	82.9	81.7	81.4	80.8	80.2	79.8	79.2	80.9	14 20	85.4	4 32	77.3	23
84.5	83.3	81.9	80.9	80.7	80.5	80.0	79.5	79.1	80.9	13 48	85.6	5 36	77.3	24
85.6	84.8	83.3	82.5	82.6	82.6	82.4	81.8	81.5	82.0	13 0	86.5	5 0	77.5	25
87.3	86.1	84.9	84.1	83.5	79.8	79.9	80.3	80.6	82.9	14 24	87.8	20 50	79.4	26
86.5	86.2	84.9	83.8	82.0	78.8	79.8	79.5	79.4	82.4	12 34	87.0	20 30	78.4	27
86.8	85.8	84.0	83.1	82.7	82.5	82.3	82.3	81.8	82.4	13 58	87.5	4 18	78.4	28
87.2	86.5	80.0	78.9	78.4	78.3	78.4	78.3	77.8	81.7	12 50	87.7	23 55	77.6	29
87.4	86.5	82.9	79.5	78.7	79.3	79.1	79.1	78.8	81.1	14 8	87.6	0 24	77.5	30
83.9	83.2	81.8	80.9	80.4	79.8	79.6	79.3	79.1	80.6					Mean.
+3.3	+2.6	+1.2	+0.3	-0.2	-0.6	-1.0	-1.3	-1.5						Variation.

OCTOBER.

86.6	86.2	85.0	84.2	83.6	83.0	80.2	80.6	80.0	82.0	13 38	87.5	3 0	77.6	1
88.0	87.3	85.8	84.8	84.4	83.9	83.5	83.2	82.7	83.6	13 36	88.7	5 50	78.4	2
91.5	90.1	88.4	86.4	85.2	84.0	82.9	82.5	83.0	85.0	15 10	91.8	6 0	79.4	3
89.1	87.9	86.2	85.2	84.0	83.5	82.7	82.5	81.9	84.2	14 20	90.4	6 0	79.4	4
88.5	88.2	86.8	85.2	84.5	84.4	83.6	83.5	83.1	84.0	14 0	90.4	5 40	78.0	5
89.2	88.3	87.1	86.1	85.2	84.1	83.4	82.5	81.7	84.6	15 40	90.2	5 50	80.4	6
88.5	87.2	86.2	85.4	84.9	84.3	84.2	83.6	83.1	84.2	13 24	89.4	6 24	79.4	7
89.3	88.3	81.1	81.8	82.2	82.1	82.1	81.8	81.5	84.2	14 32	90.2	4 30	80.6	8
88.3	88.4	87.0	84.7	82.6	82.7	82.5	82.2	82.2	84.0	14 2	90.6	6 10	80.4	9
87.9	87.0	85.9	85.1	84.7	84.5	84.5	83.4	82.6	84.0	13 56	88.8	5 50	79.4	10
90.0	88.9	87.1	86.3	86.0	85.5	85.0	84.5	83.8	85.4	14 46	90.3	3 0	80.9	11
90.1	89.3	88.0	87.0	86.5	86.3	85.2	84.0	83.7	85.8	14 32	91.0	5 12	81.3	12
89.0	88.2	86.5	85.6	85.3	84.8	84.5	84.3	83.8	85.6	14 12	89.8	6 0	82.3	13
87.5	86.5	85.2	84.5	84.1	83.0	82.3	82.5	82.3	84.1	13 38	87.8	5 10	81.0	14
87.5	86.5	85.1	84.0	83.5	82.7	81.5	81.5	81.5	83.9	14 12	88.6	4 10	80.4	15
87.9	86.8	85.0	84.4	84.0	83.5	83.5	83.3	83.2	84.3	13 18	88.7	5 0	80.4	16
86.8	85.6	84.5	84.0	83.7	83.6	83.6	83.5	83.5	84.2	12 20	88.1	5 32	80.4	17
87.4	86.1	84.8	83.8	83.2	83.0	82.7	82.5	81.6	84.0	14 15	88.4	6 12	80.4	18
87.0	85.8	84.4	83.5	83.0	82.5	82.5	81.7	81.6	83.2	13 38	88.0	6 0	79.0	19
87.7	86.7	85.4	84.9	84.5	83.9	82.6	81.8	81.4	83.4	13 10	89.0	5 5	78.4	20
89.5	88.4	86.9	86.0	85.5	85.0	84.5	84.1	83.4	84.3	15 10	89.6	6 20	78.9	21
91.3	89.4	85.5	85.3	83.1	82.3	81.7	81.6	82.0	84.8	15 0	92.0	5 0	80.4	22
91.2	89.6	87.7	86.9	86.5	86.1	84.6	83.5	83.2	85.0	15 0	92.0	5 5	79.1	23
90.8	89.0	86.9	85.5	85.0	84.1	83.3	82.6	82.2	85.2	14 40	92.2	5 44	80.4	24
89.3	88.2	86.9	85.8	84.7	83.2	82.2	81.9	81.5	83.3	14 15	89.7	6 22	77.4	25
89.2	87.5	86.0	85.1	84.2	82.8	82.0	81.1	80.5	83.2	14 36	90.0	6 10	77.4	26
88.0	87.1	85.9	84.8	83.9	82.7	82.0	81.5	80.9	82.4	13 40	88.5	5 18	76.3	27
90.0	88.5	86.6	85.8	85.4	84.1	82.9	82.5	82.1	83.5	14 16	90.2	5 36	77.0	28
90.0	88.5	86.3	85.5	85.2	84.5	83.3	82.5	82.4	84.0	14 58	90.2	5 40	78.3	29
88.2	87.1	85.6	85.0	84.1	83.2	83.0	82.7	82.0	83.9	12 32	89.6	5 58	78.3	30
89.5	87.5	85.8	85.0	84.6	83.9	83.1	82.7	82.5	83.9	13 56	89.6	6 18	78.4	31
88.9	87.7	86.0	85.1	84.4	83.8	83.1	82.6	82.3	84.1					Mean.
+4.8	+3.6	+1.9	+1.0	+0.3	-0.3	-1.0	-1.5	-1.8						Variation.

NOVEMBER.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)
(IN DEGREES FAHRENHEIT.)

Date.	Hours. .														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	81.7	81.2	80.9	80.0	79.6	79.2	78.5	79.8	81.6	83.5	85.0	86.9	87.6	88.5	89.2
2	81.5	80.9	80.3	79.7	79.6	78.9	78.8	80.0	81.5	83.6	85.6	87.9	89.5	89.8	89.9
3	81.8	81.5	80.8	80.3	79.5	78.8	78.9	80.6	82.1	84.0	86.0	87.8	89.0	90.2	90.2
4	81.7	80.9	79.9	80.0	79.6	80.0	79.6	80.1	82.0	84.2	86.2	88.3	88.7	88.9	88.9
5	81.1	80.2	79.1	78.1	78.5	79.1	79.0	79.2	81.2	83.1	85.4	86.9	87.9	88.5	88.2
6	79.9	79.5	79.6	79.0	78.2	77.7	78.1	80.2	81.8	83.9	86.6	87.1	87.4	87.9	88.5
7	81.3	80.7	80.5	79.9	79.9	79.2	79.5	80.5	82.1	83.9	85.7	87.2	89.0	89.3	89.3
8	81.1	80.8	80.0	79.0	78.6	78.6	78.6	80.0	81.8	82.9	84.6	86.3	88.3	88.5	89.3
9	82.0	81.4	80.6	80.5	79.8	76.5	77.3	78.9	79.6	80.9	83.3	84.6	83.5	82.7	83.8
10	79.0	78.7	78.5	78.5	78.4	78.3	78.2	78.9	80.0	82.3	84.5	86.2	88.0	87.9	87.5
11	79.1	79.3	79.5	79.2	78.9	78.9	78.8	79.6	80.9	82.7	82.9	84.0	86.2	86.8	87.2
12	78.9	77.5	77.2	77.1	76.1	75.5	76.0	77.2	78.5	80.2	82.8	84.8	86.5	86.9	85.5
13	78.5	78.0	77.4	77.1	76.7	77.1	77.3	79.1	81.6	83.4	85.2	86.4	87.5	87.5	88.1
14	80.6	79.8	79.6	79.7	79.6	79.5	79.7	79.7	78.7	77.7	78.4	79.5	80.3	81.3	82.0
15	80.2	80.1	78.9	78.1	78.3	78.0	78.1	79.7	81.0	82.4	84.3	85.5	86.4	86.8	87.4
16	80.6	80.4	79.3	78.4	78.4	78.4	78.5	79.5	81.6	83.4	85.0	85.9	86.5	86.9	86.9
17	79.6	79.4	79.1	78.6	78.1	78.0	77.7	79.2	81.3	83.5	85.5	87.8	89.2	89.7	89.6
18	80.3	79.6	79.4	79.8	79.8	79.5	79.3	79.9	81.5	83.2	85.6	87.7	89.6	90.0	90.0
19	81.1	80.5	80.4	80.0	79.6	79.2	79.3	80.5	81.8	83.7	86.2	88.1	89.5	91.0	91.0
20	81.7	81.6	80.9	80.4	80.0	79.5	79.4	80.6	81.9	83.8	85.9	87.6	89.3	89.5	89.5
21	81.8	81.4	80.9	80.6	80.1	79.4	78.8	80.1	81.5	83.2	85.0	87.5	87.9	88.8	88.9
22	80.7	80.4	80.0	78.9	78.7	78.2	77.5	78.4	80.9	82.7	84.3	86.7	87.8	88.6	87.9
23	78.5	78.4	78.1	77.3	76.1	75.1	75.1	76.3	78.6	80.6	83.1	85.7	87.0	87.2	87.7
24	77.1	76.5	76.3	76.0	75.7	75.3	75.4	76.3	78.6	80.9	83.0	85.1	87.2	88.3	88.9
25	78.4	78.4	77.8	77.5	77.0	76.4	75.9	77.0	78.2	79.9	82.1	84.1	86.3	86.8	86.8
26	78.7	78.0	77.7	77.1	76.6	75.9	75.4	76.0	77.8	80.2	82.8	85.0	87.0	88.2	86.9
27	77.3	76.9	76.1	75.3	74.6	73.8	73.2	73.6	75.0	77.4	80.4	82.8	84.2	85.8	85.9
28	75.1	74.2	73.6	72.5	70.8	70.7	71.5	72.0	73.0	75.9	78.9	80.6	82.8	84.4	85.6
29	74.4	73.9	73.5	73.2	72.5	72.5	72.1	72.9	75.2	77.9	80.8	83.4	86.2	85.3	84.2
30	77.5	77.1	77.2	77.3	76.6	76.9	77.0	77.5	78.0	80.8	83.8	86.9	89.1	89.7	87.6
Mean	79.7	79.2	78.8	78.3	77.9	77.5	77.4	78.4	80.0	81.9	84.0	85.8	87.2	87.7	87.7
Variation	—2.3	—2.8	—3.2	—3.7	—4.1	—4.5	—4.6	—3.6	—2.0	—0.1	+2.0	+3.8	+5.2	+5.7	+5.7

DECEMBER.

1	79.8	79.9	79.8	79.4	78.9	78.6	78.7	79.5	80.6	83.0	86.1	88.0	89.3	88.8	88.5
2	79.7	79.6	79.5	79.0	78.9	78.6	78.4	79.7	81.1	82.9	85.2	86.8	89.0	89.2	87.2
3	78.4	78.5	77.9	77.6	77.7	76.8	76.3	77.0	78.3	80.6	83.3	84.9	86.2	86.5	86.3
4	74.2	73.3	74.0	74.3	73.6	73.3	73.3	73.4	74.8	77.8	80.9	84.3	86.2	86.5	85.8
5	76.3	76.3	75.4	74.6	74.3	73.6	73.4	74.5	76.4	79.0	82.4	85.0	86.6	86.9	87.4
6	75.6	75.4	75.1	75.0	75.0	75.3	75.3	76.6	78.3	81.3	84.0	86.3	87.8	89.2	89.5
7	77.6	76.8	76.5	76.4	76.5	76.2	76.5	77.1	77.9	80.0	82.1	83.4	85.1	85.7	85.9
8	75.8	75.6	75.0	74.6	74.3	73.9	73.5	73.5	74.5	76.4	78.8	80.0	82.0	82.8	82.6
9	73.0	73.3	73.3	73.2	73.2	73.2	73.1	74.0	76.0	78.5	81.2	83.6	85.4	86.5	87.0
10	76.8	76.0	75.4	75.4	75.7	75.6	75.2	76.2	78.1	80.2	82.3	84.1	86.4	86.8	86.3
11	77.5	77.5	76.8	76.3	76.5	76.4	75.8	75.8	76.4	78.5	81.0	82.8	83.8	84.5	84.2
12	75.6	74.8	75.5	75.5	74.8	74.7	74.5	75.1	76.2	78.0	80.5	82.9	84.6	85.1	85.0
13	75.1	74.7	74.5	73.8	73.7	73.3	73.0	73.0	74.3	77.0	80.0	82.6	83.8	83.8	83.9
14	75.4	74.8	74.5	74.1	73.4	72.4	72.5	73.2	74.6	76.8	80.5	82.9	84.5	85.2	86.6
15	74.8	74.0	73.3	72.8	72.2	72.1	72.0	73.0	74.5	77.1	80.2	83.3	84.4	84.8	85.1
16	73.8	73.5	73.2	72.1	71.3	70.4	70.1	70.7	72.6	74.5	76.4	79.3	82.2	82.8	82.1
17	73.4	72.2	72.4	71.9	71.6	71.6	71.3	71.0	74.1	76.1	78.6	81.8	84.6	86.3	86.3
18	74.5	74.5	73.8	73.4	72.9	72.8	72.0	72.0	73.6	75.8	78.2	79.9	82.2	84.8	85.4
19	74.5	74.2	74.7	74.5	74.4	74.2	73.8	74.4	75.8	77.7	80.3	81.8	83.1	84.0	83.7
20	75.6	74.8	74.6	74.6	73.7	72.7	72.6	73.4	75.0	77.2	79.5	81.3	82.6	83.8	83.0
21	73.2	73.4	73.1	73.0	72.8	72.2	71.1	71.6	73.1	75.0	77.2	78.8	79.5	80.8	81.3
22	70.6	70.5	69.6	68.8	68.8	69.2	69.0	70.0	71.8	73.6	76.3	78.1	80.2	81.6	82.5
23	71.5	70.9	70.8	70.5	70.4	70.2	69.5	69.8	71.2	73.5	76.2	78.8	81.0	82.3	82.2
24	71.6	71.0	70.1	69.0	68.6	68.8	69.0	69.8	71.5	73.7	76.7	79.7	83.3	84.7	85.8
25	74.0	73.2	72.6	71.2	71.5	71.1	70.5	71.6	73.1	74.8	77.2	79.2	80.8	81.2	81.5
26	74.1	73.9	73.2	72.1	72.0	71.9	71.6	72.2	73.5	75.0	76.6	78.6	80.7	81.5	81.5
27	74.2	74.2	73.3	72.9	72.8	72.2	72.2	72.8	73.9	76.2	78.6	80.6	81.3	82.2	82.8
28	75.8	75.1	74.2	74.0	74.2	73.5	73.4	74.0	75.1	76.7	78.6	80.6	82.8	83.0	83.1
29	75.9	75.5	75.4	75.2	74.6	74.2	73.6	74.4	76.1	77.6	79.6	80.8	82.0	83.0	83.3
30	76.2	75.6	75.3	74.8	74.5	74.5	74.5	75.0	75.6	76.5	78.1	79.1	79.5	79.5	79.5
31	75.8	75.0	74.2	73.6	73.6	73.3	73.1	73.9	75.0	76.6	78.8	79.8	80.1	79.8	80.5
Mean	75.2	74.8	74.4	74.0	73.8	73.4	73.2	73.8	75.3	77.3	79.9	81.9	83.6	84.3	84.4
Variation	—2.7	—3.1	—3.5	—3.9	—4.1	—4.5	—4.7	—4.1	—2.6	—0.6	+2.0	+4.0	+5.7	+6.4	+6.5

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)
NOVEMBER. (IN DEGREES FAHRENHEIT.)

Hours.									Mean.	Maximum.		Minimum.		Date.	
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.		
										H.	M.	H.	M.		
88.7	87.3	85.6	84.6	84.0	82.9	82.5	82.4	81.9	83.5	14	8	89.5	6 40	78.4	1
90.0	88.6	86.3	84.4	83.4	82.8	82.9	82.6	82.3	83.8	14	0	80.6	6 0	78.7	2
90.0	88.6	87.0	85.6	84.8	83.9	82.8	82.4	81.9	84.1	13	24	91.0	5 56	78.4	3
87.6	86.4	85.0	84.6	84.4	83.5	82.8	81.5	80.6	83.6	11	30	89.0	4 26	79.3	4
87.3	86.0	84.9	84.5	84.2	83.5	82.2	81.2	80.8	82.9	13	8	89.1	4 0	77.6	5
88.2	86.6	85.1	84.5	84.4	84.1	83.4	82.3	81.7	83.2	14	40	89.0	6 0	77.4	6
89.0	87.2	85.3	84.5	84.2	83.3	82.5	81.8	81.4	83.6	12	30	89.5	5 55	78.7	7
89.3	88.1	86.2	84.6	84.3	83.8	83.0	82.4	82.4	83.4	15	18	89.7	6 22	78.1	8
84.2	83.9	82.1	80.8	81.2	80.7	80.2	79.7	79.5	81.2	12	0	85.0	5 35	76.0	9
86.4	83.9	82.6	81.8	82.0	81.8	80.9	80.2	79.2	81.8	13	24	88.7	6 32	78.1	10
86.4	84.5	83.4	83.1	82.6	81.8	81.0	80.2	79.5	81.9	14	4	87.6	5 50	78.7	11
85.5	85.0	83.7	82.4	81.5	80.9	80.3	79.5	78.9	80.8	13	30	87.7	5 28	75.1	12
87.9	86.2	84.6	83.4	81.6	81.1	80.7	81.3	81.3	82.0	15	15	88.7	4 8	76.4	13
81.7	81.5	80.7	80.4	80.5	80.9	80.5	79.8	79.7	80.1	14	40	82.5	9 50	77.0	14
87.4	86.1	84.2	83.5	83.3	83.0	82.5	81.5	81.0	82.4	15	10	88.0	4 8	77.8	15
86.4	85.3	83.8	83.2	82.9	82.5	81.8	81.1	80.4	82.4	13	30	87.6	4 44	78.3	16
87.9	86.4	85.0	84.5	83.6	82.0	81.1	80.9	80.5	82.8	14	20	90.1	6 12	77.5	17
89.6	87.6	86.0	84.7	82.9	82.7	82.2	81.9	81.5	83.5	13	55	90.7	6 55	79.0	18
89.9	87.4	85.5	84.8	84.4	84.1	83.2	82.4	82.0	84.0	13	28	91.2	5 26	79.1	19
89.2	87.6	85.4	84.4	84.2	83.7	83.0	82.2	82.0	83.9	13	14	90.3	6 20	79.0	20
88.5	87.0	85.0	84.3	83.7	82.9	82.1	81.4	81.1	83.4	14	40	89.2	6 32	78.5	21
87.1	85.9	84.5	83.6	83.2	82.2	80.4	79.7	79.0	82.4	13	40	89.0	6 10	77.3	22
86.7	85.0	83.6	83.0	82.5	81.9	81.0	79.3	77.7	81.1	14	10	88.0	5 10	74.5	23
88.0	86.0	84.3	83.3	82.9	82.3	80.8	79.6	78.9	81.1	14	12	89.1	5 0	75.0	24
86.3	85.3	83.8	82.9	82.2	81.7	81.0	80.3	79.6	81.1	13	12	87.6	6 8	75.6	25
85.7	84.0	82.5	82.3	82.0	81.4	80.0	78.6	78.0	80.7	14	0	88.6	6 58	75.0	26
84.2	82.3	81.5	80.8	79.6	77.8	77.1	76.2	75.9	78.7	14	10	86.2	6 22	73.0	27
82.8	80.6	79.0	78.2	77.5	76.8	76.1	74.4	74.6	76.7	14	57	86.0	5 0	70.4	28
82.8	81.5	80.1	79.2	78.5	77.8	77.6	77.5	77.6	77.9	13	10	87.6	6 30	71.9	29
86.4	84.5	83.3	82.5	81.9	81.6	81.4	80.8	80.4	81.5	13	10	90.0	2 34	76.4	30
87.0	85.5	84.0	83.1	82.6	82.0	81.2	80.5	80.0	82.0					Mean.	
+5.0	+3.5	+2.0	+1.1	+0.6	0	-0.8	-1.5	-2.0						Variation.	

DECEMBER.

87.3	85.4	83.8	83.0	82.2	81.9	81.4	81.4	80.6	82.7	12	10	89.6	5 25	78.5	1
86.0	83.9	82.6	81.9	81.5	81.1	80.4	79.3	79.0	82.1	12	52	90.1	6 22	78.3	2
86.3	84.3	81.7	80.5	79.8	79.0	77.2	76.5	75.2	80.3	13	20	86.7	23 58	74.9	3
85.2	83.5	81.3	80.3	79.7	79.0	77.6	76.5	75.7	78.5	14	12	86.7	1 12	73.0	4
85.8	84.1	81.7	81.1	81.0	79.2	78.0	76.3	75.5	79.4	14	22	87.8	6 22	73.2	5
88.0	85.3	82.8	81.4	80.5	79.9	78.6	78.0	78.1	80.5	14	4	89.8	4 20	74.9	6
85.3	83.5	81.8	80.1	79.0	77.6	76.8	76.6	76.3	79.6	12	15	86.1	5 25	76.0	7
82.8	82.0	79.5	78.5	77.4	76.4	75.8	75.0	73.0	77.3	13	45	83.7	5 32	73.4	8
86.1	84.0	81.8	81.0	80.0	79.1	78.5	78.1	77.5	78.8	14	38	87.1	0 14	72.8	9
85.1	83.7	81.6	81.0	80.5	79.8	78.7	78.8	78.2	79.9	13	20	87.2	2 0	74.8	10
83.8	81.9	80.5	80.1	79.7	79.1	77.9	76.8	76.2	79.2	13	36	85.3	6 56	75.3	11
84.0	82.2	80.8	80.2	79.5	79.0	77.8	76.9	76.3	78.7	13	16	85.3	6 42	74.3	12
83.8	81.5	80.0	79.5	79.1	78.5	77.4	76.0	76.0	77.8	14	57	84.5	6 50	72.5	13
86.7	83.5	80.9	79.8	79.5	78.5	77.0	76.0	75.4	78.3	15	28	87.0	5 40	72.0	14
85.0	82.8	80.4	79.4	79.1	77.6	76.3	74.8	74.5	77.6	15	0	85.2	6 16	71.5	15
81.5	80.8	79.3	78.2	77.3	76.4	75.0	73.9	74.2	75.9	13	21	83.0	6 20	70.0	16
84.7	81.8	79.9	78.7	78.0	77.2	75.8	75.0	74.8	77.1	13	58	87.4	7 0	70.3	17
83.7	82.0	80.3	79.0	78.3	77.6	77.1	76.2	75.0	77.3	13	48	85.6	6 40	71.4	18
82.6	80.9	79.5	78.6	78.2	77.1	76.9	76.2	76.0	77.8	13	48	84.4	6 20	73.7	19
82.1	80.4	78.9	78.1	77.8	77.3	75.8	74.0	73.5	77.2	13	32	84.6	6 20	72.4	20
80.2	79.0	78.1	77.5	77.0	75.8	74.1	72.8	71.1	75.5	14	20	81.9	6 22	70.8	21
81.5	80.2	78.4	77.7	76.8	75.8	74.0	72.7	72.1	74.6	14	22	83.0	4 20	68.3	22
81.7	80.4	78.8	78.0	77.7	76.5	74.8	73.4	72.3	75.1	13	50	82.6	6 34	69.4	23
85.2	82.6	80.1	78.9	78.0	76.5	74.8	73.6	73.8	75.7	15	0	86.6	4 15	68.3	24
80.9	79.1	77.9	77.3	76.2	75.5	75.2	75.0	74.9	75.6	14	40	82.0	6 18	69.9	25
81.0	79.8	78.4	77.8	77.4	77.0	76.0	74.8	74.0	76.0	14	22	82.0	6 8	71.4	26
82.8	82.0	80.4	79.5	78.9	77.8	76.7	76.6	76.3	77.1	15	0	83.6	5 50	72.0	27
83.0	81.8	80.2	79.2	78.3	77.3	77.0	76.7	76.3	77.7	14	52	83.5	6 32	73.2	28
83.0	82.2	81.0	80.0	79.1	78.4	77.7	77.1	76.9	78.2	14	0	83.8	6 35	73.3	29
79.5	79.2	78.6	78.4	78.2	78.0	77.6	77.4	76.9	77.2	14	2	79.7	7 0	74.3	30
81.2	80.0	78.9	78.5	78.4	77.6	76.9	76.5	76.2	77.0	15	10	82.0	6 0	72.8	31
83.7	82.1	80.3	79.5	78.8	78.0	76.9	76.1	75.6	77.9					Mean.	
+5.8	+4.2	+2.4	+1.6	+0.9	+0.1	-1.0	-1.8	-2.3						Variation.	

JANUARY.

(THE FIGURES REPRESENT PERCENTAGES.)

Date.	Hours.												
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13
1	72	72	75	74	74	73	74	79	75	71	67	61	62
2	77	78	83	83	77	78	80	77	74	72	69	64	59
3	82	78	75	68	73	68	80	76	77	68	59	51	56
4	72	73	73	69	64	72	71	69	61	63	60	56	53
5	58	72	73	73	74	76	77	69	58	52	53	62	62
6	83	80	79	80	83	83	84	83	78	74	60	59	58
7	60	56	50	44	42	46	44	42	40	46	51	48	46
8	65	59	55	54	57	55	52	55	57	53	48	47	42
9	70	67	66	64	61	73	73	72	69	60	50	44	52
10	68	78	73	70	74	75	75	75	69	64	61	53	47
11	62	69	70	61	62	58	59	53	51	47	49	51	51
12	61	65	68	69	69	60	56	61	69	60	52	53	60
13	74	80	81	76	71	73	69	67	68	73	70	70	69
14	73	70	63	65	57	57	58	58	54	45	42	43	43
15	65	72	76	66	61	68	74	76	75	69	57	49	48
16	82	82	82	84	84	87	84	83	82	78	68	52	52
17	64	66	69	76	80	79	79	77	76	71	64	55	52
18	65	63	60	61	63	59	56	54	53	59	62	63	60
19	67	68	67	66	68	69	68	71	71	66	61	58	54
20	73	73	76	76	76	75	75	76	72	68	66	61	56
21	73	72	71	70	70	70	76	78	74	72	54	53	51
22	39	43	41	45	46	48	45	52	56	48	33	30	29
23	39	45	42	39	42	45	49	47	35	39	37	37	27
24	59	60	56	58	57	54	54	50	50	45	42	40	31
25	62	70	72	75	63	61	65	65	66	60	52	53	46
26	87	87	89	89	89	85	83	86	84	78	70	60	60
27	84	86	81	80	83	86	86	82	83	78	76	80	78
28	89	89	88	89	89	91	91	89	87	83	70	66	65
29	81	82	81	79	78	78	76	75	65	60	55	52	54
30	71	66	65	71	75	69	70	68	68	69	60	60	63
31	74	73	69	70	74	70	73	73	75	65	64	55	52
Mean	69.4	70.8	70.0	69.2	68.9	69.1	69.5	69.0	66.8	63.1	57.5	54.4	52.8
Mean Vapour Pressure in inches of mercury.	.487	.490	.480	.468	.459	.451	.448	.452	.471	.479	.474	.478	.486

FEBRUARY.

1	80	80	77	82	86	78	79	77	68	62	59	58	58
2	85	83	81	78	75	73	80	75	66	59	51	59	63
3	84	81	75	72	64	64	66	56	68	66	58	50	57
4	73	75	78	82	81	82	85	79	70	66	56	56	57
5	82	85	85	81	81	81	84	86	82	75	68	55	51
6	73	73	78	79	79	74	79	78	75	71	68	61	57
7	69	65	69	69	69	67	70	66	59	52	47	46	46
8	52	57	51	57	61	64	62	62	66	56	50	51	47
9	79	78	78	74	75	80	83	83	80	75	67	62	58
10	69	69	70	75	81	78	79	74	74	64	62	60	56
11	80	80	79	76	75	74	79	79	71	63	60	58	57
12	75	76	74	73	72	75	72	70	66	57	53	49	43
13	53	49	47	44	41	39	38	38	31	30	37	33	43
14	75	73	67	66	76	75	67	63	64	55	54	47	50
15	79	76	79	84	84	81	74	60	68	59	49	51	53
16	87	87	87	88	83	78	78	78	79	75	74	72	70
17	82	82	84	85	84	84	87	75	64	59	58	55	58
18	56	47	46	43	43	46	43	37	36	34	32	32	36
19	65	67	67	65	60	55	55	57	58	55	53	53	53
20	69	67	62	63	59	62	55	69	62	57	41	57	62
21	63	67	63	67	62	57	58	67	67	54	43	56	58
22	65	70	79	80	75	82	82	79	74	59	44	58	61
23	70	62	50	50	66	67	68	66	59	58	62	55	52
24	64	62	74	69	71	73	68	66	61	56	47	52	54
25	74	70	71	69	74	70	74	74	70	61	58	72	75
26	84	85	83	81	84	84	82	81	80	78	76	78	76
27	80	78	79	80	83	85	85	82	73	66	63	63	61
28	72	72	72	70	74	77	77	75	72	67	62	57	58
Mean	72.8	72.0	71.6	71.5	72.2	71.6	71.7	69.7	66.5	60.3	55.4	55.6	56.1
Mean Vapour Pressure in inches of mercury.	.522	.509	.498	.487	.481	.469	.466	.468	.485	.479	.479	.502	.515

JANUARY.

(THE FIGURES REPRESENT PERCENTAGES.)

Hours.											Mean.	*Mean Vapour Pres- sure.	Date.
13—14	14—15	15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24			
61	65	66	70	75	75	73	76	76	74	74	71.4	"	1
56	61	65	71	73	71	75	73	73	74	79	72.6	.641	2
61	61	61	61	60	60	63	68	68	65	67	66.9	.637	3
53	53	44	45	48	59	64	61	60	57	59	60.8	.575	4
59	58	61	71	72	71	67	67	69	72	79	66.9	.578	5
54	54	56	58	58	65	65	66	69	62	65	69.0	.561	6
45	48	49	53	57	57	53	50	51	55	62	49.8	.556	7
40	37	43	49	59	65	68	65	66	67	73	55.5	.378	8
54	58	61	63	69	70	71	66	54	58	63	62.8	.446	9
46	51	53	63	68	73	75	77	71	75	75	67.0	.525	10
52	58	62	65	68	68	70	71	66	67	66	60.7	.562	11
58	60	65	69	75	78	80	81	78	73	73	66.4	.493	12
67	67	67	72	76	79	76	73	71	68	66	71.6	.549	13
45	48	45	45	52	60	63	64	69	65	64	56.2	.581	14
52	53	52	59	67	71	75	75	73	72	76	65.9	.429	15
55	53	56	62	66	63	59	59	68	71	66	69.9	.505	16
51	54	54	57	62	66	66	72	71	68	65	66.4	.516	17
55	54	54	57	60	63	64	65	65	67	66	60.3	.507	18
54	54	55	58	61	63	62	65	66	69	72	63.9	.453	19
54	56	53	57	62	65	67	69	69	72	72	67.5	.444	20
43	38	43	46	47	49	49	48	42	40	38	57.0	.474	21
34	34	35	38	44	47	43	40	38	36	36	40.8	.381	22
23	37	46	53	57	58	62	65	62	67	64	46.5	.255	23
26	28	46	51	60	66	71	74	72	70	64	53.5	.306	24
38	48	53	67	75	80	83	82	82	82	84	66.0	.383	25
64	68	75	81	75	74	77	80	82	84	85	78.8	.486	26
75	74	75	79	82	81	82	85	87	89	90	81.7	.561	27
65	65	67	70	73	75	76	77	80	81	80	79.0	.582	28
53	52	53	54	56	59	62	65	71	74	73	66.2	.566	29
64	65	66	66	69	70	69	72	73	73	71	68.0	.453	30
59	65	65	62	64	68	74	74	76	79	79	68.8	.477	31
52.1	54.1	56.3	60.4	64.2	66.7	67.9	68.5	68.3	68.6	69.2	64.5	.494	Mean.
"	"	"	"	"	"	"	"	"	"	"			Mean Vapour Pressure in inches of mercury.
.491	.512	.527	.541	.540	.542	.539	.532	.512	.498	.490			

FEBRUARY.

56	57	58	63	71	75	72	71	75	79	83	71.0	.576	1
65	61	63	66	67	65	62	63	58	75	81	68.9	.564	2
59	60	57	59	56	62	55	60	64	64	68	63.5	.507	3
60	65	69	69	71	74	73	73	76	81	81	72.2	.554	4
52	49	47	50	56	62	64	62	62	66	69	68.1	.514	5
56	59	59	57	60	62	59	56	56	65	69	66.8	.507	6
44	47	45	46	46	46	48	53	60	53	46	55.3	.417	7
47	51	52	57	64	70	73	79	80	82	84	61.5	.442	8
45	41	42	43	52	59	63	64	62	65	66	65.6	.472	9
53	50	50	53	59	63	62	66	70	76	80	66.4	.503	10
61	63	63	66	69	69	63	64	68	71	72	69.2	.501	11
42	45	46	50	55	59	61	61	62	59	56	60.5	.411	12
43	48	49	52	58	61	65	68	66	72	75	49.2	.350	13
55	58	57	60	65	70	72	75	76	75	77	65.5	.475	14
59	62	66	69	76	80	78	81	85	85	86	71.8	.543	15
68	67	66	68	76	81	85	85	85	87	85	78.7	.600	16
60	62	62	57	57	56	52	49	50	52	57	65.5	.468	17
40	44	46	51	54	58	63	67	65	61	64	47.8	.320	18
56	60	60	57	60	63	66	68	66	63	67	60.4	.434	19
56	58	60	53	51	52	58	62	58	55	55	58.5	.462	20
63	64	66	59	53	52	55	61	65	65	68	60.5	.498	21
61	64	53	48	54	52	64	68	70	74	62	65.7	.553	22
56	59	56	47	45	51	53	50	47	53	65	57.0	.502	23
57	57	55	57	56	65	69	73	76	81	76	64.1	.576	24
77	77	78	78	82	85	87	89	89	90	87	76.3	.675	25
74	72	70	64	69	76	79	81	81	83	83	78.5	.682	26
57	58	55	51	56	60	61	60	57	59	66	67.4	.539	27
57	57	56	59	65	72	74	75	75	78	80	68.9	.544	28
56.4	57.7	57.4	57.5	60.8	64.3	65.6	67.3	68.0	70.3	71.7	65.2	.506	Mean.
"	"	"	"	"	"	"	"	"	"	"			Mean Vapour Pressure in inches of mercury.
.533	.543	.537	.522	.518	.522	.522	.528	.519	.524	.525			

*Derived from 24 hourly values.

MARCH.

(THE FIGURES REPRESENT PERCENTAGES.)

Date.	Hours.												
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13
1	82	82	84	84	84	83	84	80	73	67	55	54	57
2	57	57	55	68	69	66	63	72	59	51	52	47	52
3	54	60	58	51	62	62	58	64	56	57	43	26	29
4	57	65	70	70	73	66	67	63	59	54	34	24	36
5	62	69	79	79	78	73	69	63	61	57	47	25	20
6	45	72	75	66	64	58	67	64	57	56	36	38	43
7	73	66	62	61	61	61	61	69	67	56	45	36	46
8	69	74	77	71	68	62	66	73	61	53	44	57	58
9	80	81	82	84	85	85	88	83	73	69	71	73	70
10	82	83	85	85	85	85	86	84	78	75	74	73	72
11	83	82	81	80	79	86	87	84	81	75	72	71	69
12	81	80	78	83	85	85	83	82	79	74	73	70	68
13	82	83	85	85	86	88	87	83	77	75	75	73	71
14	82	79	84	83	84	85	84	82	80	77	70	75	74
15	72	75	75	76	80	72	76	75	72	59	62	63	61
16	61	63	59	60	65	65	67	66	58	62	54	47	56
17	70	76	78	71	74	73	69	72	70	64	53	63	60
18	79	80	82	81	82	84	85	82	79	75	69	70	68
19	78	80	75	76	75	76	81	75	74	64	57	84	60
20	73	76	79	78	80	81	83	80	76	74	74	76	75
21	82	83	87	86	86	89	90	84	82	79	75	68	64
22	83	86	83	82	84	86	80	78	75	71	60	50	57
23	77	79	81	82	82	84	84	82	78	77	76	73	66
24	70	74	79	75	77	79	75	73	68	66	62	58	58
25	70	73	74	72	72	73	73	68	65	58	58	55	52
26	71	70	74	65	63	59	62	50	53	52	51	53	56
27	76	78	80	78	78	80	82	83	81	81	78	71	67
28	71	73	73	75	75	80	84	85	81	77	74	73	72
29	78	80	76	78	82	82	83	78	73	65	54	57	54
30	73	71	70	70	67	63	62	49	49	50	48	46	49
31	74	76	71	58	66	65	55	46	39	42	43	47	48
Mean	72.5	75.0	75.8	74.6	75.9	75.4	75.5	73.3	68.8	64.9	59.3	57.3	57.7
Mean Vapour Pressure in inches of mercury.	.688	.703	.702	.681	.679	.668	.670	.684	.691	.697	.679	.682	.704

APRIL.

1	72	73	74	73	72	73	72	62	58	56	46	56	56
2	84	85	83	82	84	82	84	79	69	65	66	64	63
3	82	84	85	86	82	78	79	73	64	60	62	60	63
4	73	71	69	64	66	79	78	71	69	67	68	68	65
5	85	85	85	85	85	87	87	84	78	76	75	73	72
6	82	82	83	84	85	85	85	82	77	75	74	72	69
7	83	84	86	87	86	88	87	81	75	72	70	68	68
8	82	80	79	82	86	85	83	81	75	71	69	66	66
9	80	80	80	82	83	84	85	80	75	73	72	69	68
10	83	83	84	85	84	83	85	81	76	74	69	69	69
11	85	85	85	85	84	86	85	81	77	75	74	70	69
12	86	87	89	89	87	86	80	79	73	69	70	68	66
13	83	82	80	83	83	82	82	76	70	69	69	66	65
14	77	76	74	74	74	76	82	77	72	67	64	64	63
15	79	77	77	77	78	78	77	75	69	65	65	63	62
16	78	78	80	80	82	83	81	79	72	72	65	61	64
17	81	81	82	84	84	84	79	76	75	68	67	66	65
18	80	81	81	81	80	79	79	77	75	72	70	67	66
19	75	76	77	79	81	80	80	78	76	70	66	67	66
20	79	80	83	85	84	85	85	74	68	65	66	63	60
21	71	72	72	71	72	75	72	72	68	66	64	63	63
22	82	83	83	83	82	83	83	79	75	73	71	70	68
23	84	81	81	77	75	77	75	73	69	68	66	65	64
24	78	79	78	78	80	80	78	75	71	69	66	65	64
25	76	76	76	77	77	79	78	75	69	65	65	64	64
26	75	75	76	77	77	77	75	71	68	66	66	65	63
27	72	71	74	73	73	74	73	69	70	67	65	61	61
28	75	74	73	73	73	73	73	69	66	63	62	62	61
29	78	78	77	76	78	80	78	76	70	66	65	63	64
30	78	78	78	80	83	82	84	80	77	74	72	67	66
Mean	79.3	79.2	79.5	79.7	80.0	80.8	80.1	76.2	71.5	68.6	67.0	65.5	64.8
Mean Vapour Pressure in inches of mercury.	.846	.837	.832	.826	.822	.828	.834	.840	.841	.840	.844	.848	.857

MARCH.

(THE FIGURES REPRESENT PERCENTAGES.)

Hours.											Mean.	*Mean Vapour Pres- sure.	Date.
13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24			
56	56	56	59	61	64	64	65	59	60	56	67.7	.544	1
54	56	59	56	57	57	57	58	59	57	57	58.1	.510	2
54	61	65	63	57	53	51	50	44	44	53	53.1	.503	3
44	56	61	67	72	74	71	64	65	57	61	59.6	.583	4
30	41	56	63	57	56	60	49	44	45	47	55.4	.556	5
54	58	61	57	53	53	55	58	63	64	73	57.9	.586	6
50	49	53	53	50	56	59	60	62	50	71	57.4	.583	7
58	58	59	63	65	67	69	72	79	78	79	65.8	.638	8
62	55	52	56	64	73	74	77	79	81	81	74.1	.667	9
70	69	69	69	76	81	82	85	86	86	85	79.4	.705	10
67	65	65	68	70	74	77	80	82	81	81	76.7	.705	11
66	67	66	66	69	73	76	77	81	81	83	76.1	.688	12
66	67	69	71	76	79	78	76	78	80	83	78.0	.723	13
72	70	70	62	61	62	71	67	67	77	73	74.6	.786	14
59	62	62	62	57	57	65	64	67	69	66	67.0	.732	15
63	62	61	59	58	57	56	58	63	67	68	60.6	.670	16
59	60	61	66	68	69	71	74	74	78	78	68.8	.731	17
66	64	61	57	60	62	64	70	74	77	78	72.9	.787	18
61	58	59	57	59	61	64	65	72	76	81	68.7	.742	19
69	69	64	57	58	63	65	67	70	81	81	72.9	.788	20
66	68	61	62	75	74	75	76	78	80	83	77.2	.814	21
60	55	54	55	55	57	64	72	75	77	77	69.8	.760	22
65	62	57	53	48	52	62	70	71	67	67	70.6	.772	23
54	48	46	49	51	56	62	67	67	65	65	64.3	.705	24
50	48	49	51	54	58	63	67	71	70	73	63.2	.691	25
52	49	45	41	37	47	58	62	71	74	74	57.9	.665	26
56	52	51	50	41	42	52	48	37	64	70	65.7	.767	27
71	71	70	66	63	69	72	76	78	81	78	74.5	.852	28
53	53	50	49	54	57	58	55	69	73	74	66.0	.744	29
48	46	47	48	52	63	65	62	67	72	74	58.8	.691	30
50	47	45	45	50	52	57	67	72	67	67	56.2	.672	31
58.2	58.1	58.2	58.1	59.0	61.9	65.1	66.4	68.5	70.3	72.2	66.7	.689	Mean.
.717	.717	.710	.686	.665	.666	.685	.683	.689	.694	.702			Mean Vapour Pressure in inches of mercury.

APRIL.

54	50	53	54	60	65	69	73	79	83	84	65.3	.734	1
61	61	64	68	70	72	74	75	78	78	80	73.8	.762	2
65	67	68	70	71	72	69	71	73	64	71	71.6	.772	3
66	69	69	70	74	77	79	81	83	81	85	72.6	.825	4
73	73	73	75	76	78	80	80	80	81	81	79.5	.903	5
69	71	71	73	76	80	80	82	85	86	85	78.9	.897	6
67	66	65	69	71	76	79	79	81	81	83	77.2	.848	7
65	65	67	68	71	76	78	79	79	79	80	75.5	.833	8
68	67	67	70	75	79	80	82	83	82	83	77.0	.849	9
69	68	69	70	74	78	81	82	84	85	85	77.9	.874	10
67	66	66	67	71	76	81	85	85	85	86	78.2	.886	11
66	67	67	70	73	75	77	80	82	82	83	77.1	.884	12
66	66	66	68	70	72	76	79	79	79	78	74.5	.863	13
62	63	62	65	71	76	79	79	79	79	79	72.3	.839	14
63	64	65	67	72	75	78	79	78	77	79	72.5	.832	15
65	64	63	64	69	75	77	79	79	80	81	73.8	.844	16
64	64	66	70	73	76	78	79	79	78	79	74.9	.859	17
65	63	61	64	68	71	75	76	77	78	77	73.5	.859	18
66	67	69	72	77	79	85	84	82	79	79	75.4	.864	19
61	56	56	57	62	67	70	70	71	68	68	70.1	.840	20
63	63	64	67	70	76	78	80	81	79	81	71.0	.867	21
68	69	68	69	72	77	78	80	80	80	81	76.5	.935	22
64	66	66	67	68	72	75	76	77	79	79	72.7	.878	23
65	67	68	69	72	72	73	76	77	76	76	73.0	.845	24
64	64	66	66	68	72	73	73	73	74	75	71.2	.851	25
64	62	64	65	67	70	69	71	72	72	72	70.0	.837	26
59	60	60	63	66	71	73	74	73	71	73	68.6	.809	27
62	61	64	65	69	72	75	75	77	77	78	69.7	.809	28
63	63	66	68	73	76	77	77	76	78	79	72.7	.834	29
64	64	65	67	68	68	74	74	77	76	77	73.9	.869	30
64.6	64.5	65.3	67.2	70.6	74.0	76.3	77.7	78.6	78.2	79.2	73.7	.847	Mean.
.861	.860	.858	.856	.853	.854	.857	.860	.862	.851	.853			Mean Vapour Pressure in inches of mercury.

* Derived from 24 hourly values.

MAY. (THE FIGURES REPRESENT PERCENTAGES.)

Date.	Hours.												
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13
1	77	77	76	77	77	77	76	71	67	65	63	61	60
2	75	75	77	77	77	78	76	75	73	68	66	63	61
3	74	75	77	76	77	77	78	72	67	67	64	61	60
4	75	76	76	76	79	79	78	74	72	67	65	62	57
5	76	76	77	77	78	78	76	76	70	69	66	61	58
6	74	74	73	74	76	76	76	74	73	68	64	61	59
7	73	74	75	75	74	74	74	73	71	69	65	61	60
8	74	74	74	74	77	76	75	72	70	65	61	59	59
9	74	74	74	73	74	75	73	71	66	66	65	65	63
10	75	75	76	75	75	77	76	73	68	66	64	62	61
11	80	79	78	77	79	81	79	76	73	71	71	69	66
12	79	79	80	81	80	80	78	75	70	66	65	63	62
13	78	77	76	76	75	78	78	75	71	69	66	64	62
14	83	82	81	78	80	79	75	76	75	73	71	70	70
15	79	80	84	85	82	83	82	79	75	75	71	70	70
16	85	85	85	84	83	82	81	80	77	76	73	71	69
17	83	83	82	81	81	81	78	77	73	71	67	66	65
18	75	77	76	76	77	76	76	74	69	68	64	63	61
19	75	75	74	75	76	77	74	72	68	67	64	63	62
20	75	74	74	73	74	75	74	72	69	67	64	63	61
21	71	73	72	72	71	72	72	68	65	63	63	59	59
22	72	72	70	72	75	78	77	72	67	64	60	59	58
23	69	69	72	73	74	76	76	70	65	63	61	59	60
24	73	74	76	76	79	78	78	76	71	67	67	66	65
25	76	76	75	76	76	76	77	74	70	67	66	66	63
26	78	78	78	78	79	79	78	75	71	71	69	68	66
27	77	77	77	77	75	75	75	70	69	66	64	65	64
28	69	74	73	74	74	74	74	74	70	76	79	80	85
29	85	86	85	83	86	89	87	86	83	80	80	81	81
30	85	86	89	85	83	80	77	80	77	74	76	77	77
31	82	82	83	85	85	84	83	88	90	91	90	83	83
Mean	76.6	77.0	77.3	77.1	77.7	78.1	77.0	74.8	71.5	69.5	67.5	65.8	64.7
Mean Vapour Pressure in inches of mercury.	.874	.870	.867	.863	.862	.865	.869	.878	.879	.884	.884	.887	.886

JUNE.

1	90	89	88	86	84	84	84	85	85	81	79	77	77
2	92	93	93	95	94	95	94	93	94	93	92	92	93
3	92	90	88	86	84	86	82	84	83	83	88	87	89
4	80	81	83	85	85	87	89	90	86	85	84	83	81
5	87	87	93	91	91	91	92	91	89	87	88	85	91
6	87	87	87	86	87	88	86	86	85	83	81	82	81
7	87	87	86	87	87	87	87	84	80	82	80	80	79
8	87	85	87	80	87	83	77	86	87	85	83	80	83
9	85	84	88	91	89	91	89	86	85	80	80	79	76
10	82	81	86	89	88	86	85	81	79	79	76	76	77
11	81	81	81	81	82	81	81	80	77	74	74	74	74
12	86	91	88	86	92	93	93	93	93	92	91	91	91
13	89	82	85	87	88	91	91	91	88	89	91	90	82
14	82	81	82	81	81	81	82	80	79	76	75	75	73
15	79	80	82	85	80	83	84	81	82	81	77	78	76
16	84	85	81	87	84	84	83	80	80	78	76	76	75
17	81	80	83	83	83	83	82	80	78	77	83	80	75
18	81	82	83	84	84	83	83	81	77	75	75	75	74
19	80	79	80	81	82	81	83	80	76	74	73	72	72
20	81	81	81	81	81	81	81	79	78	77	75	74	73
21	83	83	81	83	84	85	84	81	77	75	77	74	73
22	79	81	82	83	89	91	91	89	88	85	82	79	82
23	86	86	87	85	84	84	83	83	79	79	77	74	78
24	87	90	89	87	89	91	92	91	88	89	87	86	89
25	88	87	85	86	87	89	89	89	87	84	83	82	85
26	93	93	91	89	87	87	85	84	81	83	81	77	79
27	83	83	84	82	82	82	81	81	83	81	81	81	81
28	88	87	87	85	84	82	80	79	85	89	89	84	84
29	84	80	84	86	84	83	83	82	81	81	80	80	79
30	83	83	83	83	83	83	83	81	81	79	79	77	80
Mean	84.9	84.6	85.3	85.4	85.5	85.9	85.3	84.4	83.0	81.9	81.2	80.0	80.1
Mean Vapour Pressure in inches of mercury.	.894	.880	.883	.883	.880	.881	.882	.898	.914	.919	.928	.927	.934

MAY.

(THE FIGURES REPRESENT PERCENT AGES.)

Hours.											Mean.	*Mean Vapour Pressure.	Date.
13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24			
61	60	63	64	69	72	74	75	76	75	75	70.3	.839	1
63	63	64	65	67	70	74	74	73	73	74	70.9	.858	2
60	60	60	62	66	71	71	73	74	74	75	69.6	.841	3
60	61	60	60	65	71	72	73	74	74	75	70.0	.846	4
57	56	59	61	65	70	74	73	72	73	72	69.6	.843	5
60	60	63	66	67	69	69	70	71	71	71	69.1	.825	6
59	62	63	65	67	70	69	71	71	70	72	69.0	.825	7
58	61	62	63	66	68	72	71	73	73	75	68.8	.824	8
63	63	64	66	68	66	72	73	74	75	76	69.7	.837	9
61	63	63	69	69	74	75	76	78	81	81	71.6	.876	10
66	64	66	68	70	74	77	79	80	79	79	74.2	.910	11
63	65	65	67	71	70	74	78	81	80	79	73.0	.891	12
63	62	65	66	69	72	74	76	77	80	83	72.2	.887	13
69	68	68	70	76	78	80	81	81	84	83	76.3	.954	14
70	69	71	72	76	80	81	81	82	83	85	77.7	.974	15
70	68	68	70	73	77	78	79	81	81	81	77.4	.967	16
66	66	67	69	71	73	76	76	76	76	76	74.2	.922	17
62	61	63	65	70	72	74	74	75	74	74	70.7	.883	18
63	63	63	66	68	71	73	73	74	75	74	70.2	.878	19
61	61	61	64	66	70	72	72	74	73	72	69.2	.867	20
58	57	57	58	64	66	69	68	70	71	71	66.2	.820	21
58	56	56	56	57	61	64	67	69	69	69	65.7	.792	22
58	56	56	60	65	68	70	72	73	74	74	67.2	.830	23
64	65	63	65	65	67	70	72	73	74	75	70.8	.907	24
65	61	66	66	69	70	73	74	79	79	77	71.7	.914	25
64	63	64	68	74	74	77	78	77	77	76	73.3	.919	26
63	72	68	68	71	70	70	71	69	70	70	70.5	.894	27
82	82	85	88	87	87	86	87	85	82	84	79.6	.895	28
74	81	81	79	79	77	82	85	88	89	89	83.2	.930	29
76	75	75	79	79	81	78	80	81	80	81	79.6	.862	30
83	84	81	84	85	85	85	85	87	89	90	85.3	.887	31
64.5	64.9	65.6	67.4	70.1	72.4	74.4	75.4	76.4	76.7	77.0	72.5	.877	Mean.
.889	.888	.884	.880	.876	.871	.879	.882	.883	.880	.880			Mean Vapour Pressure in inches of mercury.

JUNE.

75	76	77	79	82	83	86	85	86	90	89	83.2	.898	1
93	93	93	94	94	93	92	94	95	92	91	93.2	.898	2
89	92	91	86	84	85	84	81	86	85	85	86.3	.853	3
85	89	86	91	91	88	86	86	84	85	89	85.8	.870	4
91	93	93	94	91	89	87	87	87	87	87	89.5	.907	5
80	80	79	81	81	83	85	85	84	86	87	84.0	.975	6
79	76	79	80	82	85	85	80	82	80	86	82.8	.953	7
78	78	80	79	80	82	84	87	87	87	87	83.3	.913	8
77	75	76	77	77	79	82	83	81	81	81	82.2	.905	9
76	76	75	74	76	77	79	79	81	80	81	80.0	.899	10
75	74	76	73	75	77	78	81	78	78	83	77.9	.890	11
91	85	91	90	90	89	90	90	91	90	91	90.3	.864	12
81	79	79	77	78	79	81	82	80	80	81	84.2	.894	13
73	74	74	76	77	76	78	79	82	80	82	78.3	.897	14
86	81	82	77	75	75	79	81	82	82	82	80.4	.894	15
72	72	72	73	76	78	79	81	80	82	82	79.2	.903	16
77	75	73	72	74	76	77	79	79	79	79	78.7	.900	17
72	73	73	72	75	76	77	78	79	79	80	78.0	.911	18
72	72	70	72	73	75	76	76	79	81	80	76.6	.901	19
73	74	74	73	78	80	83	83	83	82	83	78.7	.922	20
73	75	76	74	73	76	77	79	79	79	79	78.3	.917	21
82	80	81	83	83	85	87	87	87	86	87	84.5	.934	22
78	76	76	76	77	80	85	87	87	87	87	81.7	.916	23
88	82	82	84	83	85	89	91	89	87	87	87.6	.939	24
91	89	89	90	89	89	86	85	85	92	92	87.4	.932	25
82	84	86	88	86	86	85	87	87	83	84	85.3	.886	26
87	91	89	91	86	85	92	88	87	88	85	84.7	.893	27
83	87	86	85	83	83	81	84	86	86	86	84.7	.867	28
79	78	79	80	80	83	83	83	85	84	85	81.9	.907	29
79	79	80	81	84	84	85	84	85	83	83	81.9	.899	30
80.6	80.3	80.6	80.7	81.1	82.0	83.3	83.7	84.1	84.0	84.7	83.0	.905	Mean.
.929	.918	.915	.912	.906	.907	.908	.904	.906	.900	.900			Mean Vapour Pressure in inches of mercury.

* Derived from 24 hourly values.

JULY.

(THE FIGURES REPRESENT PERCENTAGES.)

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	83	83	82	83	83	82	83	83	81	81	80	79	78	79
2	82	84	83	83	84	84	83	81	80	78	77	77	79	76
3	82	83	83	83	82	78	82	80	79	77	77	77	74	75
4	81	81	83	88	91	83	84	87	83	79	76	76	77	76
5	83	87	85	86	84	89	83	81	79	79	76	76	74	76
6	82	83	83	82	84	91	87	82	81	79	79	84	86	89
7	83	86	90	89	84	90	89	88	88	88	86	83	80	78
8	82	84	84	84	86	83	86	85	85	82	80	87	83	78
9	79	82	81	82	84	80	82	81	81	83	87	81	78	77
10	83	83	81	83	83	82	81	79	79	76	76	76	82	87
11	85	85	83	83	82	83	83	86	92	91	88	83	86	80
12	92	87	86	84	84	85	82	81	83	83	81	81	80	80
13	85	84	85	86	87	85	85	85	86	85	85	84	83	82
14	90	91	91	89	88	86	87	85	85	85	83	85	86	82
15	85	85	85	86	88	89	87	85	84	86	84	79	81	85
16	92	93	91	90	92	93	92	92	93	93	87	87	83	84
17	87	86	85	84	86	84	84	86	83	82	83	81	80	81
18	84	85	87	87	86	88	85	84	81	82	79	78	79	81
19	83	86	85	86	83	83	86	85	84	81	81	79	80	81
20	87	86	84	84	85	83	84	86	85	88	87	85	80	79
21	86	85	86	83	86	84	84	83	82	81	79	78	78	78
22	89	86	85	83	82	84	84	83	81	79	79	79	77	77
23	84	84	82	83	81	81	80	80	80	79	78	76	75	75
24	81	83	82	83	83	81	81	85	81	82	80	83	80	78
25	82	82	80	80	80	81	81	83	82	82	81	78	77	77
26	82	83	81	82	82	83	82	82	81	79	77	77	77	76
27	83	83	85	84	83	84	82	84	85	87	84	81	87	81
28	85	85	84	91	91	85	84	84	86	86	81	84	83	85
29	89	89	89	89	86	86	84	87	86	90	85	84	83	87
30	89	89	89	89	89	86	85	86	90	93	91	84	82	80
31	86	87	88	89	89	89	90	88	86	83	81	80	79	79
Mean . .	84.9	85.2	84.8	85.1	85.1	84.7	84.3	84.1	83.6	83.2	81.5	80.7	80.2	80.0
Mean Vapour Pressure in inches of mercury.	.870	.873	.868	.865	.861	.859	.863	.874	.886	.897	.901	.906	.911	.916

AUGUST.

1	82	83	83	87	85	87	85	84	82	79	77	76	72	75
2	82	85	85	83	83	83	82	83	81	80	77	74	76	77
3	80	80	80	80	80	82	81	82	80	79	77	75	77	75
4	79	80	80	78	80	79	80	80	84	83	81	77	75	75
5	80	80	81	81	81	84	88	89	88	84	82	81	78	78
6	84	84	87	84	83	84	86	89	92	92	91	89	85	83
7	90	90	88	90	88	91	89	89	89	89	89	88	87	92
8	93	93	93	92	93	91	92	90	89	87	84	82	83	83
9	91	89	89	88	91	90	90	91	87	83	81	79	79	83
10	86	85	85	85	86	85	85	83	86	81	83	82	83	82
11	82	83	84	82	86	84	85	83	83	81	80	79	80	78
12	83	85	84	85	84	85	84	84	82	84	80	79	80	79
13	85	84	84	84	84	83	83	83	82	85	80	77	76	76
14	87	90	90	91	88	86	86	84	86	85	86	84	81	78
15	88	91	88	87	87	87	86	85	82	81	81	78	79	81
16	85	83	83	83	83	83	84	82	85	83	82	83	86	88
17	90	89	89	87	86	87	84	83	82	81	77	74	77	76
18	82	83	83	82	81	82	80	83	81	76	78	80	75	75
19	83	86	85	86	82	82	82	81	81	77	78	79	71	76
20	84	81	83	81	79	80	81	81	86	83	79	77	77	77
21	81	81	82	80	84	82	82	84	81	80	77	78	77	75
22	81	82	80	82	83	82	82	79	79	76	75	75	74	75
23	82	81	81	82	81	83	84	83	81	80	78	76	76	75
24	80	82	81	80	80	82	81	80	78	77	76	73	74	74
25	78	78	79	80	80	80	80	78	80	76	74	73	71	71
26	80	81	86	81	82	82	83	83	80	80	81	79	80	80
27	84	84	84	87	86	86	89	92	92	87	81	80	77	76
28	85	87	84	83	84	83	84	82	81	81	78	77	76	76
29	80	80	80	80	81	85	84	81	79	71	77	75	74	68
30	83	82	82	82	84	84	83	80	79	77	74	73	72	70
31	80	80	83	83	82	81	81	82	84	83	77	75	71	71
Mean . .	83.5	83.9	84.1	83.7	83.8	84.0	84.1	83.6	83.3	81.3	79.7	78.3	77.4	77.4
Mean Vapour Pressure in inches of mercury.	.849	.847	.845	.846	.841	.841	.844	.853	.867	.873	.883	.881	.881	.880

JULY. (THE FIGURES REPRESENT PERCENTAGES.)

Hours.										Mean.	* Mean Vapour Pressure.	Date.
14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24			
78	79	78	81	80	82	84	83	85	83	81.4	.902	1
76	77	77	78	81	81	82	84	82	82	80.5	.896	2
75	85	80	79	80	80	81	81	83	82	79.9	.889	3
74	77	77	77	79	79	81	81	81	82	80.5	.877	4
76	77	76	77	79	80	82	81	81	81	80.3	.882	5
82	78	81	92	85	83	80	81	81	85	82.9	.867	6
77	77	77	78	78	79	81	81	81	82	83.3	.870	7
76	76	76	78	79	81	82	83	80	79	81.6	.867	8
76	76	75	77	79	80	81	82	83	81	80.3	.875	9
84	85	91	91	91	89	85	87	84	84	83.4	.886	10
80	82	80	87	84	86	87	90	87	92	85.2	.892	11
81	84	83	85	85	87	85	83	85	86	83.9	.895	12
82	81	82	85	88	89	86	87	89	88	85.2	.901	13
79	80	85	83	85	85	85	85	84	84	85.3	.912	14
81	85	83	88	87	90	91	92	91	90	86.1	.906	15
81	81	81	83	87	89	89	89	87	87	88.2	.885	16
85	82	83	83	84	85	86	86	84	85	84.0	.887	17
81	82	84	81	85	84	83	84	84	85	83.3	.894	18
80	79	82	81	83	83	84	85	85	88	83.0	.901	19
77	79	79	79	82	83	83	82	83	86	83.2	.871	20
77	74	77	80	79	81	81	83	83	87	81.5	.882	21
75	76	77	79	81	80	81	82	83	82	81.0	.875	22
75	76	79	82	81	80	80	81	81	81	79.7	.858	23
78	79	78	79	80	79	80	81	81	82	80.8	.860	24
77	77	78	80	82	81	80	80	83	82	80.3	.868	25
77	75	78	81	82	82	84	86	86	85	80.8	.868	26
81	86	82	86	85	87	85	87	86	86	84.3	.878	27
83	84	83	83	83	83	85	86	85	86	84.8	.866	28
85	85	86	87	89	88	89	89	87	89	87.0	.872	29
79	78	79	81	83	83	84	86	86	83	85.2	.892	30
78	78	76	78	80	81	81	83	83	83	83.1	.901	31
78.9	79.7	80.1	81.6	82.8	83.2	83.5	84.2	84.0	84.5	82.9	.883	Mean.
"	"	"	"	"	"	"	"	"	"			Mean Vapour Pressure in inches of mercury.
.907	.904	.890	.884	.880	.877	.876	.879	.873	.873			

AUGUST.

76	76	81	80	81	81	82	81	82	81	80.7	.871	1
76	75	73	76	77	79	80	82	78	79	79.4	.857	2
73	78	87	84	82	81	80	81	82	79	79.8	.858	3
75	75	73	77	78	78	78	78	80	81	78.5	.850	4
81	81	80	82	82	86	89	87	89	88	83.3	.853	5
84	86	89	89	88	87	85	87	86	88	86.7	.870	6
92	82	93	93	93	92	92	93	93	93	90.6	.878	7
83	82	85	85	86	86	87	87	87	90	87.6	.903	8
79	78	79	82	83	83	86	85	87	87	85.0	.910	9
84	81	77	79	82	87	87	85	80	79	83.2	.874	10
79	80	79	81	81	82	81	81	81	85	81.7	.875	11
76	77	79	80	80	80	81	80	83	85	81.6	.866	12
77	77	77	80	82	83	83	87	85	87	81.8	.872	13
77	76	82	82	80	81	83	91	91	87	84.7	.857	14
82	83	86	89	88	89	88	84	86	87	85.1	.852	15
87	89	89	88	89	91	91	91	91	90	86.2	.873	16
76	75	75	78	79	78	80	81	83	80	81.1	.865	17
77	76	74	76	79	80	83	85	82	86	80.0	.838	18
76	76	77	77	81	83	83	83	83	87	80.6	.843	19
78	77	79	82	84	81	82	83	82	82	80.8	.852	20
74	75	75	77	78	77	79	80	81	81	79.2	.850	21
74	75	77	78	78	79	79	80	80	80	78.5	.854	22
74	80	76	78	78	80	80	81	81	81	79.7	.862	23
71	73	75	76	75	77	78	79	78	78	77.4	.829	24
74	76	75	77	76	80	79	80	78	80	77.2	.829	25
80	79	78	79	79	78	80	82	84	85	80.9	.842	26
78	75	78	82	83	82	83	83	85	84	83.3	.845	27
75	75	77	79	80	79	79	80	81	81	80.3	.856	28
66	75	74	75	77	78	83	79	79	83	77.7	.830	29
69	70	70	73	77	75	78	80	78	81	77.3	.843	30
76	72	71	73	75	79	77	77	78	78	77.9	.839	31
77.4	77.9	78.7	80.2	80.9	81.8	82.4	83.0	83.1	83.6	81.5	.858	Mean.
"	"	"	"	"	"	"	"	"	"			Mean Vapour Pressure in inches of mercury.
.876	.870	.858	.855	.848	.853	.851	.850	.850	.851			

*Derived from 24 hourly values.

SEPTEMBER.

(THE FIGURES REPRESENT PERCENTAGES.)

Date.	Hours.													
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14
1	80	80	79	81	79	80	79	79	82	76	74	72	72	71
2	78	76	82	80	81	80	79	77	81	79	74	72	72	74
3	83	85	86	88	87	88	89	84	81	83	78	76	80	78
4	82	81	85	85	84	86	84	84	89	87	81	79	83	78
5	86	85	87	87	92	90	92	93	92	90	88	83	81	77
6	81	82	83	82	84	84	85	82	83	82	80	80	82	79
7	78	78	80	86	88	86	85	86	78	77	75	74	74	72
8	78	78	80	81	82	82	82	81	79	77	76	76	76	74
9	83	89	84	84	83	83	82	82	78	78	84	78	75	75
10	93	92	94	92	93	90	90	90	91	91	92	90	89	89
11	92	93	93	93	93	93	91	93	89	87	84	81	78	75
12	84	86	86	85	85	88	91	89	89	90	91	88	82	80
13	91	91	92	89	89	90	89	85	82	84	78	77	73	72
14	80	80	79	78	79	80	84	87	83	79	76	75	71	70
15	73	77	77	77	77	77	76	75	73	71	69	75	75	67
16	80	80	82	84	89	90	90	90	84	79	76	75	70	71
17	80	82	82	84	88	86	85	85	83	83	78	74	71	68
18	79	82	83	85	86	87	90	83	83	79	75	71	69	69
19	83	78	79	79	84	86	85	83	80	76	74	71	71	70
20	76	76	79	79	80	81	82	82	86	82	81	78	75	73
21	84	86	88	87	85	82	81	80	80	82	76	76	76	74
22	88	89	90	90	90	91	90	89	87	85	80	76	74	73
23	86	88	88	87	89	91	91	88	84	81	77	76	74	70
24	82	84	84	83	86	86	87	84	81	77	74	71	70	71
25	90	91	91	92	92	92	92	88	85	83	78	76	77	77
26	87	91	91	91	91	91	91	89	86	83	81	81	80	78
27	82	84	85	87	87	89	89	89	86	80	76	75	72	71
28	86	83	86	89	90	90	90	88	84	81	77	74	74	72
29	85	87	87	88	86	88	89	88	85	82	77	76	74	74
30	88	88	89	90	88	87	88	86	83	79	77	76	73	74
Mean . . .	83.3	84.1	85.0	85.5	86.2	86.5	86.6	85.4	83.6	81.6	78.7	76.9	75.5	73.9
Mean Vapour Pressure in inches of mercury.	" ·822	" ·824	" ·830	" ·830	" ·831	" ·830	" ·835	" ·848	" ·858	" ·864	" ·863	" ·869	" ·865	" ·859

OCTOBER.

1	83	82	84	83	84	84	85	82	80	76	73	72	74	75
2	81	80	80	81	83	82	84	82	79	76	76	67	71	73
3	91	91	91	91	91	89	90	89	83	78	76	69	56	54
4	83	82	82	81	80	83	87	85	81	74	70	67	66	68
5	89	90	90	90	88	89	90	87	80	78	73	71	63	64
6	87	89	90	90	90	89	90	89	85	81	80	80	78	74
7	88	89	89	90	89	89	91	88	84	79	71	64	63	60
8	83	85	86	86	87	88	87	86	80	75	69	66	66	67
9	85	88	87	84	88	87	87	84	81	79	74	62	63	61
10	81	84	82	81	84	88	88	84	77	76	73	73	71	68
11	86	87	87	89	89	90	89	87	83	78	74	69	72	72
12	83	85	85	83	83	86	87	85	77	69	73	59	56	55
13	81	84	84	85	86	87	87	85	82	80	78	75	74	73
14	85	85	87	87	87	87	87	85	81	79	75	73	71	71
15	81	82	85	87	87	87	87	85	81	78	75	74	72	71
16	79	80	79	78	86	87	88	85	78	72	67	64	64	64
17	73	75	79	83	83	85	84	81	79	76	69	67	67	66
18	70	72	73	73	80	82	83	80	76	75	72	72	70	66
19	77	81	84	85	85	85	85	84	81	75	68	67	64	64
20	84	85	85	86	86	86	84	82	81	78	78	72	70	69
21	85	85	87	87	87	89	88	85	80	75	68	66	63	59
22	76	79	78	79	79	81	82	80	73	68	65	62	52	51
23	71	73	74	76	78	78	74	73	67	64	63	54	46	46
24	69	64	70	73	69	68	63	62	62	55	50	42	45	42
25	70	75	74	77	76	79	81	79	73	66	56	50	48	48
26	73	74	75	74	76	73	76	73	70	65	59	52	45	46
27	78	80	82	82	83	84	84	81	76	72	60	49	59	55
28	80	78	79	79	82	81	83	80	77	72	66	55	51	53
29	77	76	79	77	75	77	77	78	71	66	56	54	46	49
30	77	78	80	78	79	77	77	74	70	64	58	51	49	47
31	72	74	73	76	74	73	77	76	75	69	63	55	54	53
Mean . . .	79.9	81.0	81.9	82.3	83.0	83.5	83.9	81.8	77.5	73.2	68.6	63.6	61.6	60.8
Mean Vapour Pressure in inches of mercury.	" ·868	" ·868	" ·867	" ·862	" ·859	" ·853	" ·862	" ·873	" ·871	" ·868	" ·855	" ·825	" ·823	" ·831

SEPTEMBER.

(THE FIGURES REPRESENT PERCENTAGES.)

Hours.										Mean.	Mean Vapour Pressure.*	Date.
14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24			
71	71	73	75	77	77	77	78	76	78	76.5	.829	1
74	75	77	80	75	76	74	78	83	83	77.5	.825	2
77	77	77	78	78	80	79	81	82	82	81.5	.835	3
74	71	73	77	78	79	80	82	88	86	81.5	.843	4
82	82	82	80	80	80	83	84	83	82	85.0	.845	5
80	79	78	79	78	79	81	78	75	77	80.6	.815	6
73	75	77	80	79	78	78	78	76	79	78.7	.815	7
73	71	73	78	81	80	82	81	80	82	78.5	.817	8
75	73	78	88	84	86	88	92	89	91	82.6	.830	9
89	92	92	94	93	91	91	91	91	91	91.3	.825	10
73	73	74	75	78	77	78	80	83	83	83.7	.841	11
86	80	79	81	83	84	87	88	89	89	85.8	.827	12
70	70	73	72	74	76	76	80	84	84	80.9	.815	13
71	73	72	73	73	75	75	74	74	74	76.5	.786	14
66	68	66	70	72	78	81	79	79	78	74.0	.774	15
69	69	69	71	74	75	74	75	76	79	78.0	.798	16
68	68	68	71	71	74	74	75	76	77	77.1	.806	17
67	67	67	70	73	72	76	77	78	82	77.7	.820	18
71	69	70	71	74	75	75	74	75	77	76.3	.817	19
72	71	74	77	78	79	79	81	82	82	78.5	.834	20
74	74	73	76	78	80	80	82	82	86	80.1	.848	21
72	71	73	75	77	80	80	82	84	84	82.1	.856	22
68	68	70	71	75	77	76	81	82	83	80.0	.839	23
72	71	75	78	81	84	86	87	88	89	80.5	.846	24
77	80	81	84	87	86	84	85	88	87	85.1	.924	25
75	74	78	81	82	77	81	83	81	80	83.5	.936	26
72	74	78	81	83	77	80	83	84	86	81.3	.896	27
73	74	74	76	78	79	80	84	87	85	81.4	.896	28
75	73	72	77	83	84	86	86	87	89	82.5	.889	29
73	74	73	75	79	80	84	86	86	85	81.7	.866	30
73.7	73.6	74.6	77.1	78.5	79.2	80.2	81.5	82.3	83.0	80.7	.840	Mean.
.858	.853	.847	.835	.826	.820	.816	.823	.825	.824			Mean Vapour Pressure in inches of mercury.

OCTOBER.

Hours.										Mean.	Mean Vapour Pressure.*	Date.
14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24			
74	74	75	78	81	84	83	74	83	80	79.3	.867	1
71	71	74	77	79	82	86	87	89	90	79.2	.910	2
50	55	63	73	72	73	74	70	71	83	76.0	.904	3
63	61	70	77	80	82	84	87	88	87	77.8	.909	4
65	69	71	71	74	78	81	85	85	86	79.5	.918	5
69	69	67	71	72	71	77	81	83	84	80.7	.952	6
63	66	67	68	72	74	69	78	82	82	77.3	.895	7
65	68	70	82	86	85	85	86	86	85	79.5	.923	8
66	67	66	69	70	79	80	81	81	82	77.1	.894	9
69	73	76	80	82	83	84	84	84	86	79.6	.926	10
72	72	75	78	80	80	80	81	81	81	80.5	.975	11
54	56	60	66	68	70	74	76	75	78	72.6	.887	12
72	72	74	76	78	78	79	80	81	83	79.7	.973	13
71	71	73	76	77	77	80	83	82	82	79.7	.927	14
71	71	70	74	75	75	77	80	79	80	78.5	.908	15
64	64	67	70	72	72	72	71	72	73	73.7	.861	16
67	67	69	72	72	73	71	71	71	71	73.8	.860	17
65	65	67	69	70	72	73	75	76	77	73.0	.848	18
64	65	68	72	75	75	78	79	82	83	76.1	.856	19
72	75	76	77	77	79	80	82	82	85	79.6	.906	20
60	59	64	67	68	73	76	73	74	73	74.6	.867	21
50	52	56	54	57	63	66	69	71	70	67.2	.793	22
51	52	56	62	64	64	67	67	69	72	65.0	.774	23
44	43	51	57	61	63	68	73	73	74	60.0	.716	24
44	44	46	50	58	62	66	67	72	73	63.9	.715	25
46	50	58	60	66	70	74	77	79	80	66.3	.741	26
55	55	57	62	66	71	76	77	79	81	71.0	.775	27
53	50	51	53	55	67	72	73	75	77	68.4	.773	28
48	50	56	61	65	68	71	74	74	75	66.7	.765	29
53	56	58	61	63	70	72	73	74	74	67.2	.771	30
52	54	59	65	69	71	72	73	74	76	67.9	.781	31
60.7	61.8	64.8	68.6	71.1	73.7	75.7	77.0	78.3	79.5	73.9	.857	Mean.
.831	.837	.850	.850	.856	.870	.875	.870	.872	.876			Mean Vapour Pressure in inches of mercury.

*Derived from 24 hourly values.

NOVEMBER.

(THE FIGURES REPRESENT PERCENTAGES.)

Date.	Hours.													
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14
1	77	77	78	76	77	80	80	73	73	67	66	55	54	53
2	81	81	77	74	77	77	75	73	73	68	65	56	50	50
3	75	72	74	78	76	76	75	74	72	69	65	57	53	47
4	77	76	78	80	82	82	81	79	77	74	65	55	61	57
5	74	73	67	64	67	76	76	75	70	64	53	52	55	58
6	71	69	72	66	64	63	64	75	69	61	55	55	57	54
7	78	80	81	75	82	72	80	78	73	68	65	55	47	48
8	70	70	74	74	74	78	76	74	72	67	65	60	51	52
9	76	78	78	77	81	86	88	86	83	78	73	71	72	74
10	81	82	83	83	84	86	85	80	74	69	67	61	55	59
11	81	81	80	79	77	76	78	76	74	68	70	68	63	62
12	75	76	75	76	75	75	75	75	71	68	65	62	59	58
13	74	76	76	76	76	76	77	75	70	67	64	63	62	62
14	85	87	88	89	89	89	89	89	87	89	89	85	82	83
15	81	81	84	86	86	88	89	88	86	77	68	66	65	63
16	83	81	80	80	77	82	85	80	76	73	69	66	66	67
17	82	85	85	80	79	78	79	80	77	73	68	60	59	62
18	76	75	74	76	76	73	78	81	77	74	67	61	58	63
19	74	73	77	80	81	78	78	78	75	71	66	59	50	51
20	80	81	78	73	71	72	80	78	77	71	67	62	56	58
21	77	73	78	80	81	80	76	79	79	73	67	59	57	55
22	77	76	70	66	67	76	72	69	73	73	68	59	58	57
23	51	58	63	66	64	68	68	67	66	62	57	48	47	50
24	80	75	73	68	75	72	77	68	72	68	64	57	49	48
25	68	75	73	73	73	74	75	72	70	68	60	57	46	50
26	78	78	77	78	80	83	80	74	65	59	51	42	35	33
27	49	43	49	53	61	64	64	61	57	53	44	33	28	28
28	39	41	45	45	42	41	47	57	49	50	40	34	32	31
29	54	53	53	53	54	60	57	55	55	54	48	41	40	46
30	49	49	52	57	55	57	57	60	62	60	58	54	51	55
Mean . .	72.4	72.5	73.1	72.7	73.4	74.6	75.4	74.3	71.8	67.9	63.0	57.1	53.9	54.5
Mean Vapour Pressure in inches of mercury.	" .739	" .730	" .724	" .709	" .707	" .707	" .713	" .729	" .738	" .743	" .736	" .707	" .694	" .712

DECEMBER.

1	67	75	76	77	77	78	79	77	72	68	60	53	55	61
2	82	83	84	77	74	72	67	58	66	67	59	47	41	51
3	68	74	69	63	69	69	69	71	63	55	45	44	43	47
4	65	63	66	62	65	64	70	67	66	58	53	42	40	41
5	75	76	70	70	69	69	65	62	52	51	45	45	45	39
6	70	70	69	67	66	65	65	62	59	52	49	51	46	39
7	67	67	59	64	59	60	54	49	46	44	43	42	41	42
8	54	48	46	48	47	45	46	49	49	47	44	44	41	41
9	61	62	64	60	63	66	70	68	66	60	61	58	52	47
10	75	75	71	72	77	79	78	74	73	69	64	57	52	56
11	73	70	72	70	71	73	75	74	73	67	60	52	48	51
12	79	79	78	77	79	72	73	75	76	69	64	52	49	54
13	79	81	82	80	81	82	81	79	76	65	55	51	48	52
14	82	84	84	84	83	80	83	80	66	59	49	45	42	40
15	72	74	74	76	67	59	56	60	56	49	43	40	40	36
16	67	66	68	65	66	73	75	71	69	57	52	45	45	47
17	68	61	67	64	56	61	66	63	59	59	56	41	37	35
18	64	60	58	49	53	63	68	69	69	58	52	52	44	38
19	65	63	69	67	64	70	67	63	61	54	48	47	46	43
20	71	67	62	59	62	60	65	58	49	49	49	40	34	39
21	78	71	57	53	52	49	60	65	63	61	51	47	48	48
22	66	57	61	62	66	75	72	75	71	63	55	50	50	50
23	74	71	74	74	74	75	78	74	69	61	53	43	41	44
24	67	75	79	72	73	77	80	78	72	63	57	56	45	41
25	79	80	75	72	71	73	77	73	72	67	56	52	52	57
26	82	81	79	83	83	80	80	80	76	73	71	63	57	57
27	81	80	81	81	82	78	78	81	76	73	66	62	65	63
28	85	86	87	87	85	86	86	85	82	76	74	67	59	59
29	84	85	86	85	87	86	87	86	84	80	76	75	73	70
30	87	89	90	91	90	90	89	88	86	85	81	77	76	77
31	87	80	81	86	84	84	88	85	80	80	77	72	74	75
Mean . .	73.4	72.7	72.2	70.8	70.8	71.4	72.4	70.9	67.6	62.5	57.0	52.0	49.3	49.7
Mean Vapour Pressure in inches of mercury.	" .642	" .629	" .616	" .596	" .591	" .583	" .591	" .591	" .592	" .587	" .580	" .566	" .566	" .591

NOVEMBER.

(THE FIGURES REPRESENT PERCENTAGES.)

Hours.										Mean.	Mean Vapour Pressure.*	Date.
14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24			
53	56	59	65	68	71	77	78	81	80	69.7	.790	1
50	49	50	57	65	69	74	75	75	75	67.4	.768	2
44	45	51	60	66	70	74	78	78	77	66.9	.770	3
58	62	63	65	64	64	67	66	64	61	69.1	.789	4
60	59	63	62	68	70	68	65	72	73	66.0	.738	5
54	59	65	72	73	71	74	77	81	78	66.6	.754	6
48	51	51	54	61	67	70	69	70	71	66.4	.755	7
55	55	59	64	67	68	71	73	74	73	67.3	.764	8
71	70	71	77	78	73	76	79	81	81	77.4	.821	9
62	65	69	75	78	77	75	74	77	79	74.2	.799	10
62	65	69	72	75	71	69	73	72	74	72.3	.784	11
60	59	60	66	71	69	70	70	71	72	68.9	.721	12
61	62	67	76	81	88	87	84	84	84	73.7	.801	13
79	79	81	85	85	81	82	85	84	84	85.2	.871	14
63	64	68	74	76	76	77	81	82	81	77.1	.847	15
67	69	72	75	77	79	80	79	79	78	75.8	.836	16
64	69	72	77	77	75	72	67	70	74	73.5	.822	17
68	70	74	77	75	66	67	70	73	74	71.8	.822	18
54	59	64	72	76	77	79	80	79	80	71.3	.823	19
56	58	62	68	73	74	75	74	76	77	70.7	.814	20
56	56	60	64	66	69	73	74	74	78	70.2	.795	21
60	64	66	69	70	70	67	61	68	61	67.4	.745	22
48	52	55	61	66	71	74	74	68	69	61.4	.648	23
47	56	61	64	67	69	75	75	70	66	66.5	.699	24
50	53	54	60	64	68	71	73	74	77	65.7	.690	25
45	48	51	55	54	53	57	63	66	61	61.1	.627	26
30	36	41	45	56	51	40	38	43	43	46.3	.445	27
31	43	47	52	57	62	61	59	59	60	46.8	.427	28
50	53	56	63	65	54	48	45	45	47	52.0	.497	29
62	66	71	72	70	69	69	72	74	71	61.3	.664	30
55.6	58.4	61.7	66.6	69.6	69.7	70.6	71.0	72.1	72.0	67.7	.738	Mean.
"	"	"	"	"	"	"	"	"	"			Mean Vapour Pressure in inches of mercury.
.731	.748	.758	.777	.790	.779	.775	.760	.755	.742			

DECEMBER.

61	63	70	75	78	80	81	80	77	80	71.7	.796	1
58	63	68	71	74	76	74	75	73	68	67.8	.736	2
50	52	57	60	64	65	64	61	71	75	61.2	.625	3
46	47	48	52	60	66	71	72	71	68	59.3	.570	4
44	51	57	63	65	66	69	67	71	73	60.8	.602	5
39	52	62	68	70	72	72	72	69	67	61.4	.632	6
43	46	46	45	61	67	63	51	51	47	52.4	.524	7
38	38	43	55	60	63	68	71	68	60	50.5	.471	8
51	56	62	67	71	76	74	69	69	76	63.7	.626	9
61	64	69	74	77	81	80	79	82	82	71.7	.728	10
53	54	60	65	68	72	74	74	75	76	66.7	.658	11
57	57	62	64	68	74	77	78	79	79	69.6	.676	12
51	54	59	64	66	68	71	74	79	81	69.1	.651	13
34	34	51	57	60	63	72	69	71	72	64.3	.604	14
34	36	45	53	56	58	69	71	68	68	56.7	.524	15
47	51	55	61	65	69	71	60	65	65	61.5	.544	16
41	55	60	65	68	74	75	71	70	66	59.9	.552	17
47	59	65	68	71	73	75	71	60	65	60.5	.564	18
48	53	57	61	70	72	73	69	68	72	61.3	.578	19
46	49	54	59	63	64	66	66	73	80	57.7	.532	20
48	51	54	57	57	58	59	59	57	69	56.8	.498	21
53	54	60	63	63	70	68	71	72	74	63.4	.539	22
48	51	55	62	65	66	75	73	72	69	64.1	.551	23
34	50	64	73	76	79	73	71	70	74	66.6	.578	24
61	64	64	68	71	75	77	79	79	80	69.7	.615	25
56	61	63	66	67	71	74	77	77	77	72.2	.642	26
65	62	63	67	71	76	80	82	85	84	74.3	.688	27
62	64	68	72	76	80	81	83	82	84	77.3	.724	28
69	69	72	77	80	82	86	87	88	87	80.9	.776	29
75	74	76	78	80	80	82	84	86	87	83.3	.774	30
74	73	76	79	80	82	84	84	86	86	80.7	.747	31
51.4	55.1	60.2	64.8	68.4	71.5	73.5	72.6	73.0	73.6	65.7	.623	Mean.
"	"	"	"	"	"	"	"	"	"			Mean Vapour Pressure in inches of mercury.
.604	.635	.658	.671	.685	.706	.703	.673	.659	.653			

*Derived from 24 hourly values.

Notation :—H=High clouds (Ci, Ci-S.) ; M=Medium clouds (Ci-Cu,

JANUARY.

Day.	Cloud Forms (coming from)									Cloud Amount (All Forms).						
	8½h.			12½h.			16½h.			6h.	8h.	10h.	12½h.	14h.	16h.	22h.
	H.	M.	L.	H.	M.	L.	H.	M.	L.							
1	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
2	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
3	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
4	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
5	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
6	..	..	†	..	..	WNW	†	..	..	4	2	3	1	1	1	0
7	†	..	..	†	..	..	†	..	..	0	1	1	1	1	1	0
8	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
9	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
10	†	..	..	†	..	..	†	..	..	0	1	1	3	3	8	3
11	†	..	..	†	..	..	†	..	..	6	6	6	1	5	3	6
12	..	S	..	..	SSW	..	..	..	..	3	2	1	7	3	4	9
13	†	..	..	†	..	..	†	..	..	3	3	5	3	2	2	2
14	†	..	..	†	..	..	†	..	..	6	8	8	5	7	8	0
15	†	..	..	†	..	..	†	..	..	2	4	1	1	1	2	0
16	§	..	..	†	..	..	†	..	..	0	2	1	1	1	1	0
17	..	†	..	..	..	NW	†	..	†	1	3	0	1	8	2	10
18	..	..	E	..	..	†	..	..	..	2	7	2	1	1	0	0
19	..	..	ESE	..	..	SSW	..	..	†	9	4	2	3	1	3	0
20	..	..	W	..	..	NW	..	..	..	7	7	8	5	2	0	0
21	..	†	..	..	..	..	..	..	..	0	1	0	0	0	0	0
22	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
23	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
24	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
25	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
26	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
27	†	..	..	†	..	..	†	..	..	0	2	1	1	1	1	0
28	..	..	N	..	..	..	..	..	..	1	4	10	0	0	0	0
29	..	..	..	..	..	..	..	..	..	1	1	0	0	0	0	0
30	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
31	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
Mean cloud amount.										1.5	1.9	1.6	1.1	1.2	1.2	1.0

MARCH.

1	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
2	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
3	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
4	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
5	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
6	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
7	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
8	..	..	..	..	..	..	..	..	..	0	0	0	0	0	9	0
9	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
10	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	8
11	..	..	†	..	..	..	..	..	..	1	3	6	0	0	0	7
12	..	..	NE	..	†	..	..	..	..	0	2	6	1	0	0	0
13	..	..	†	..	..	†	..	..	†	1	0	0	1	1	1	1
14	..	..	*	..	..	W	..	NNE	..	1	1	1	1	2	7	9
15	..	..	..	..	..	..	..	..	..	10	10	6	8	10	8	10
16	..	E	..	..	E	..	..	..	..	9	9	6	9	6	3	0
17	..	SSE	..	..	..	..	SSE	..	†	8	7	2	0	0	1	0
18	..	..	..	..	..	..	..	..	†	2	0	0	0	1	1	2
19	..	..	*	..	..	..	..	SE	..	9	9	8	8	9	9	0
20	..	..	SW	..	NW	..	*	..	..	7	6	6	6	1	10	0
21	†	..	..	†	..	..	..	..	..	1	8	1	2	10	10	0
22	..	..	..	..	..	..	†	..	..	1	0	0	0	1	6	0
23	..	..	..	..	..	..	..	WNW	..	0	0	1	0	1	6	0
24	†	..	..	†	..	..	†	..	..	1	6	7	4	1	1	0
25	..	†	..	..	..	..	..	..	..	1	1	1	0	0	1	0
26	†	..	..	†	..	..	..	..	..	1	1	1	1	0	0	0
27	..	..	..	..	..	..	..	..	..	9	0	0	0	0	0	0
28	..	†	..	..	..	..	..	..	..	0	1	2	0	0	0	0
29	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
30	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
31	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
Mean cloud amount.										1.7	2.1	1.7	1.3	1.4	2.1	1.2

..No cloud.
†Scattered on the horizon.
†Haze.
§At low angle.
* Overcast.

A-Cu, A-S) ; L=Low clouds (Cu, Cu-N, S, N).

FEBRUARY.

Cloud Forms (coming from)									Cloud Amount (All Forms).							Day.
8½h.			12½h.			16½h.										
H.	M.	L.	H.	M.	L.	H.	M.	L.	6h.	8h.	10h.	12½h.	14h.	16h.	22h.	
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	1
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	2
..	..	..	..	..	..	..	..	..	0	2	2	0	0	1	0	3
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	4
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	5
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	6
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	7
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	8
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	9
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	10
..	WNW	..	..	..	..	..	..	..	3	2	1	0	0	0	0	11
..	..	..	..	..	..	..	..	..	0	0	1	1	1	1	0	12
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	13
..	..	..	..	..	..	..	..	..	0	2	0	0	0	0	0	14
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	15
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	1	16
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	17
..	..	..	WNW	..	..	..	..	..	2	4	6	2	3	5	0	18
..	..	..	..	..	..	..	..	..	1	0	1	1	0	0	0	19
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	20
..	N	..	..	..	..	..	..	..	10	6	3	2	6	1	0	21
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	22
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	23
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	24
SW	..	..	..	..	..	..	..	..	1	4	4	1	1	1	0	25
..	..	..	..	..	..	..	..	..	2	1	0	0	3	0	0	26
..	..	..	..	..	..	..	..	..	1	0	1	0	0	0	0	27
..	..	..	..	..	..	..	..	..	1	1	1	0	0	0	0	28
									0.8	0.8	0.7	0.3	0.5	0.3	0.0	Mean cloud amount.

APRIL.

..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	1
..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	0	2
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	3
..	..	..	..	..	..	..	..	..	0	0	0	0	2	1	6	4
..	..	..	..	..	..	..	..	..	5	1	0	0	0	7	2	5
..	..	..	..	..	..	..	..	..	0	0	0	0	2	3	0	6
..	..	..	..	..	..	..	..	..	6	7	0	0	0	0	0	7
..	..	..	..	..	..	..	..	..	4	3	2	0	0	0	7	8
..	..	..	..	..	..	..	..	..	3	4	1	0	0	2	8	9
..	..	..	..	..	..	..	..	..	4	6	3	0	0	0	0	10
..	..	..	..	..	..	..	..	..	4	2	2	0	0	0	0	11
..	..	..	..	..	..	..	..	..	0	0	0	0	2	0	3	12
..	..	..	..	..	..	..	..	..	3	0	0	0	1	0	1	13
..	..	..	..	..	..	..	..	..	6	2	0	0	0	0	2	14
..	..	..	..	..	..	..	..	..	5	2	1	0	2	0	2	15
..	..	..	..	..	..	..	..	..	1	2	1	1	5	4	0	16
..	..	..	..	..	..	..	..	..	5	4	2	2	6	4	3	17
..	..	..	..	..	..	..	..	..	7	8	7	2	2	1	2	18
..	..	..	..	..	..	..	..	..	9	9	2	2	1	0	0	19
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	20
..	..	..	..	..	..	..	..	..	2	4	2	0	0	0	0	21
..	..	..	..	..	..	..	..	..	4	2	2	0	1	3	0	22
..	..	..	..	..	..	..	..	..	3	2	2	4	3	6	2	23
..	..	..	..	..	..	..	..	..	4	6	4	2	2	3	1	24
..	..	..	..	..	..	..	..	..	4	3	2	1	1	1	0	25
..	..	..	..	..	..	..	..	..	2	4	3	3	4	5	1	26
..	..	..	..	..	..	..	..	..	5	2	1	0	0	0	1	27
..	..	..	..	..	..	..	..	..	6	5	0	0	0	0	0	28
..	..	..	..	..	..	..	..	..	4	3	1	0	0	0	2	29
..	..	..	..	..	..	..	..	..	3	4	4	0	0	0	0	30
									3.4	2.8	1.4	0.6	1.2	1.3	1.4	Mean cloud amount.

..No cloud.
†Scattered on the horizon.
‡Haze.
§At low angle.
*Overcast.

Notation :—H=High clouds (Ci, Ci-S); M=Medium clouds (Ci-Cu,

MAY.

Day.	Cloud Forms (coming from)									Cloud Amount (All Forms).						
	8½h.			12½h.			16½h.			6h.	8h.	10h.	12½h.	14h.	16h.	22h.
	H.	M.	L.	H.	M.	L.	H.	M.	L.							
1	..	..	†	..	..	..	..	..	W	3	2	0	0	0	2	6
2	..	..	*	..	..	..	..	..	..	5	6	6	0	1	0	3
3	..	..	NNW	..	..	..	..	..	..	2	4	1	0	0	1	6
4	..	..	WNW	..	..	†	..	..	†	5	6	4	1	1	1	4
5	..	..	..	..	..	..	..	..	†	1	1	0	0	0	2	2
6	..	..	WNW	..	..	..	..	..	WNW	2	8	4	0	0	4	2
7	..	..	WNW*	..	..	†	..	..	†	7	7	6	1	2	1	0
8	..	..	NNE	..	..	†	..	..	†	5	7	2	1	1	1	4
9	..	..	†	..	..	§	..	..	..	6	4	2	2	1	1	2
10	..	..	N	..	..	§	..	..	..	3	4	2	0	0	0	2
11	..	..	§	..	..	..	..	..	..	6	6	1	2	0	1	6
12	..	..	NNW	..	..	..	..	..	..	4	3	0	0	0	0	4
13	..	..	NNW	..	..	..	..	..	..	6	8	1	0	0	0	0
14	..	..	N	..	..	..	†	..	..	7	6	6	0	0	4	0
15	†	..	..	..	..	WNW	..	..	WSW	3	4	5	8	7	7	3
16	..	..	S	..	..	E	†	..	..	8	9	9	9	8	9	4
17	†	..	..	†	..	..	..	..	WNW	6	6	6	2	3	6	4
18	..	..	SSW	..	..	..	..	..	SW	3	3	3	0	0	1	2
19	..	..	†	..	..	†	..	..	SSW	3	2	3	2	4	4	3
20	..	..	†	..	..	W	..	..	WNW	4	2	5	2	3	4	2
21	..	..	†	..	..	..	..	..	..	2	1	1	0	2	0	0
22	..	..	†	..	..	..	..	..	..	4	2	2	0	0	0	0
23	..	..	†	..	..	..	..	..	..	4	1	1	0	0	0	0
24	..	..	†	..	..	†	..	..	†	6	2	1	1	1	2	3
25	..	†	..	..	..	..	..	..	SSW	4	1	2	2	3	4	3
26	..	..	SW	..	..	WSW	..	..	W	3	4	7	7	8	4	2
27	..	..	WSW	..	..	WSW	..	..	WSW	5	4	6	7	7	7	6
28	..	..	SW	..	..	*	..	..	*	8	7	9	10	10	10	10
29	..	..	W	..	..	WSW	..	..	*	7	6	3	7	8	10	10
30	..	..	*	..	..	SSW	..	..	SSW	10	10	10	9	9	4	6
31	..	..	SW	..	..	*	..	..	SSW	6	10	10	10	10	6	10
Mean cloud amount.										4.8	4.7	3.8	2.7	2.9	3.1	3.5

JULY.

1	..	..	SW	..	..	*	..	..	WSW	10	10	10	10	10	7	6
2	..	..	*	..	..	SW	..	..	SW	10	6	6	2	10	6	6
3	..	..	SW	..	..	WSW	..	..	SW	10	5	5	5	6	7	4
4	..	..	WSW	..	..	*	..	..	*	10	6	5	10	5	10	2
5	..	..	SW	..	..	SSW	..	..	SW	8	5	4	4	3	5	2
6	..	..	*	..	..	*	..	..	*	10	6	8	10	9	10	3
7	..	..	*	..	..	W	..	..	*	10	10	10	8	10	10	7
8	..	..	SW	..	..	§	..	..	*	10	7	6	4	6	5	6
9	..	..	*	..	..	W	..	..	W	10	6	10	8	5	8	9
10	..	..	W*	..	..	*	..	..	*	10	10	8	10	10	10	7
11	..	..	*	..	..	*	..	..	*	10	10	10	10	4	10	10
12	..	..	*	..	..	SW	..	..	*	10	10	6	6	10	10	10
13	..	..	*	..	..	*	..	..	*	10	10	10	10	10	10	10
14	..	..	W	..	..	W	..	..	*	10	10	8	8	4	9	4
15	..	..	SW	..	..	*	..	..	*	10	9	9	10	6	6	9
16	..	..	*	..	..	*	..	..	*	10	10	10	10	10	10	10
17	..	..	SW	..	..	*	..	..	*	10	6	10	10	10	7	5
18	..	..	SW	..	..	W	..	..	*	10	6	5	9	9	10	4
19	..	..	W	..	..	NNW	..	..	*	8	7	5	6	9	10	9
20	..	..	*	..	..	*	..	..	*	10	10	10	10	10	10	3
21	..	..	SW	..	..	SW	..	..	SW	9	6	8	6	7	3	8
22	..	..	SW	†	..	..	..	..	SW	7	5	8	2	5	6	6
23	..	..	*	..	..	SW	..	..	*	10	10	10	8	4	10	10
24	..	..	*	..	..	SW	..	..	*	10	10	10	9	10	9	10
25	..	..	*	..	..	*	..	..	*	10	10	10	10	10	10	8
26	..	..	*	..	..	*	..	..	WSW	10	10	10	10	10	8	10
27	..	..	*	..	..	SW	..	..	WSW	10	6	6	6	5	9	10
28	..	..	*	..	..	*	..	..	*	10	10	10	10	10	10	10
29	..	..	*	..	..	*	..	..	*	10	10	10	10	10	10	4
30	..	..	*	..	..	SSW	..	..	*	10	10	10	4	6	9	6
31	..	..	SW	..	..	*	..	..	†	10	6	8	10	9	4	8
Mean cloud amount.										9.7	8.1	8.2	7.9	7.8	8.3	7.1

..No cloud.
† Scattered on the horizon.
‡Haze.
§At low angle.
*Overcast.

A-Cu, A-S) ; L=Low clouds (Cu, Cu-N, S. N).

JUNE.

Cloud Forms. (Coming from.)									Cloud Amount (All Forms).							Day.
8½h.			12½h.			16½h.			6h.	8h.	10h.	12½h.	14h.	14h.	22h.	
H.	M.	L.	H.	M.	L.	H.	M.	L.								
..	..	*	†	..	..	..	..	S	10	9	10	5	6	7	10	1
..	..	*	..	..	*	..	..	*	10	10	10	10	10	10	10	2
..	..	*	..	..	*	..	..	*	10	10	10	10	10	10	10	3
..	..	*	..	..	W	..	..	W	10	10	9	10	10	10	10	4
..	..	SW	..	..	*	..	..	*	10	10	10	10	10	10	10	5
..	..	WSW*	..	..	WSW	..	..	*	10	10	5	9	9	10	*9	6
..	..	W	..	..	†	..	..	WSW	8	7	2	1	3	6	8	7
..	..	*	..	..	*	..	..	SW	10	10	5	10	7	9	4	8
..	..	*	..	..	WSW	..	..	WSW	10	8	7	7	8	4	5	9
..	..	SW	..	..	NNW	..	..	W	6	5	7	9	8	4	1	10
..	..	SSW	..	..	WSW	..	..	W	1	6	4	7	7	9	2	11
..	..	*	..	..	*	..	..	W	10	10	10	10	10	10	10	12
..	..	WSW	..	..	WSW	..	..	W	10	7	10	5	10	5	3	13
..	..	§	..	..	WSW	..	..	SW	2	4	2	4	5	2	4	14
..	..	WSW*	..	..	SW	..	..	SW	8	8	6	8	9	7	5	15
..	..	SW	..	..	SW	..	..	†	4	6	3	4	3	1	0	16
..	..	S	..	..	SSW	..	..	†	10	5	9	3	8	1	2	17
..	..	SW	..	..	SW	..	..	W	10	4	4	5	4	4	3	18
..	..	WSW	..	..	SW	..	..	SW	9	2	4	5	4	2	2	19
..	..	WSW	..	..	W	..	..	WSW	8	6	4	4	8	2	3	20
..	..	W	..	..	W	..	..	WNW	6	5	8	8	9	7	10	21
..	..	*	..	..	§	..	..	*	10	5	7	6	6	10	10	22
..	..	*	..	..	S	..	..	SW	8	8	7	6	3	7	10	23
..	..	S	..	..	SW*	..	..	W*	10	8	8	10	8	9	2	24
..	..	SW	..	..	SW	..	..	*	10	9	5	6	10	10	10	25
..	..	SW*	..	..	SSW	..	..	*	10	9	6	8	6	10	10	26
..	..	SW	..	..	SW*	..	..	*	4	9	8	10	10	10	10	27
..	..	SW*	..	..	SW*	..	..	SW*	5	8	10	10	10	10	10	28
..	..	SW	..	..	SW	..	..	SW	7	6	10	8	7	10	10	29
..	..	*	..	..	SW*	..	..	*	10	10	10	10	10	10	7	30
									8.2	7.5	7.0	7.3	7.6	7.2	6.7	Mean cloud amount.

AUGUST.

..	..	§	..	..	*	..	..	*	5	6	5	10	10	10	5	1
..	..	W	..	..	*	..	..	SW	8	6	9	10	5	6	4	2
..	..	SW	..	..	SW	..	..	SW	10	8	8	5	4	10	8	3
..	..	*	..	..	SSW	..	..	SW	10	10	10	8	6	7	5	4
..	..	*	..	..	*	..	..	*	10	10	9	10	10	10	10	5
..	..	*	..	..	*	..	..	*	10	10	10	10	10	10	10	6
..	..	*	..	..	*	..	..	*	10	10	10	10	10	10	10	7
..	..	§	..	..	SW	..	..	*	8	5	7	8	6	8	8	8
..	..	W	..	..	†	..	..	*	8	6	4	2	10	9	10	9
..	..	*	..	..	*	..	..	*	10	10	10	10	9	10	10	10
..	..	*	..	..	*	..	..	*	10	10	9	10	10	8	10	11
..	..	SW	..	..	*	..	..	*	5	6	10	10	7	10	8	12
..	..	SW	..	..	SW	..	..	SW	10	7	8	6	5	3	2	13
..	..	SW*	..	..	SW*	..	..	*	10	10	3	10	6	9	10	14
..	..	*	..	..	*	..	..	*	10	9	10	10	10	10	2	15
..	..	*	..	..	*	..	..	*	10	9	10	10	10	10	10	16
..	..	*	..	..	NW	..	..	W	9	10	10	8	6	6	10	17
..	..	*	..	..	SW	..	..	W	7	9	9	7	9	9	5	18
..	..	*	..	..	*	..	..	SW	6	8	8	10	8	7	10	19
..	..	*	..	..	*	..	..	W	9	10	8	10	10	10	10	20
..	..	*	..	..	SW	..	..	*	10	7	8	6	6	9	10	21
..	..	W	..	..	*	..	..	*	10	9	5	10	10	10	5	22
..	..	*	..	..	*	..	..	WNW	8	10	8	10	6	5	9	23
..	..	*	..	..	*	..	..	*	6	6	9	10	8	10	2	24
..	..	*	..	..	*	..	..	*	7	10	5	10	10	10	6	25
..	..	SW	..	..	*	..	..	W	10	2	8	10	10	9	7	26
..	..	*	..	..	*	..	..	*	10	10	6	10	7	10	8	27
..	..	§	..	..	SW	..	..	*	7	9	8	6	7	10	10	28
..	..	W	..	..	W	..	..	*	10	8	10	7	8	10	8	29
..	..	SW	..	..	†	..	..	SW	8	5	2	2	5	8	7	30
..	..		..	..	SW	..	..	†	2	6	6	8	7	3	8	31
									8.5	8.1	7.8	8.5	7.9	8.6	7.6	Mean cloud amount.

..No cloud.
†Scattered on the horizon.
§At low angle.
*Overcast.
†Haze.

Notation :—H=High clouds (Ci, Ci-S.); M=Medium clouds

SEPTEMBER.

Day.	Cloud Forms. (Coming from.)									Cloud Amount (All Forms).						
	8½h.			12½h.			16½h.			6h.	8h.	10h.	12½h.	14h.	16h.	22h.
	H.	M.	L.	H.	M.	L.	H.	M.	L.							
1	..	..	*	..	SW	..	..	†	..	9	10	8	6	4	4	10
2	..	*	..	..	..	*	..	..	..	10	10	8	10	10	10	10
3	..	..	W	..	..	*	..	..	SW	10	10	8	10	10	10	5
4	..	..	*	..	..	SSW	..	..	†	10	10	9	6	5	4	10
5	..	..	*	..	..	NNW	..	..	*	10	10	10	8	10	10	4
6	..	..	*	..	..	*	..	..	*	10	8	6	10	9	10	7
7	..	..	†	..	..	*	..	..	*	6	8	4	10	8	9	6
8	†	..	\$	..	..	*	..	..	WSW	8	6	7	9	8	5	7
9	..	NW	..	..	SW	..	..	..	*	8	7	10	4	5	7	10
10	..	..	*	..	..	*	..	..	*	10	10	10	10	10	10	3
11	..	..	†	..	..	†	..	..	..	10	2	1	3	2	0	0
12	..	..	*	..	..	*	..	..	SW	9	10	10	10	10	8	3
13	..	..	WSW	..	SSE	..	..	..	WSW	5	6	10	4	4	3	6
14	..	..	SW	..	..	†	..	..	W	4	7	1	2	5	8	1
15	..	..	WNW	..	..	SSW	..	..	†	7	4	3	5	4	4	5
16	..	..	SW	..	..	WNW	..	..	\$	7	7	6	4	2	1	1
17	..	..	SE	..	..	WNW	..	..	..	9	7	5	3	1	2	2
18	..	..	WNW	..	..	..	..	..	..	9	2	1	0	1	1	1
19	..	..	NNW	..	NW	..	..	..	..	7	7	6	5	1	2	0
20	..	..	*	..	..	WNW	..	..	..	10	10	8	5	2	5	3
21	..	..	*	..	..	SW	..	..	W	10	5	9	8	6	4	0
22	..	..	*	..	W	..	..	..	†	10	8	7	4	3	3	1
23	..	..	NNW	..	WNW	..	..	..	..	6	7	5	5	4	1	1
24	†	..	..	..	..	\$	..	..	..	4	1	6	2	0	0	0
25	..	..	..	..	..	..	..	..	..	8	1	4	0	0	0	3
26	E	..	..	..	..	E	..	..	*	6	1	8	4	4	5	10
27	..	..	E	..	..	\$	..	..	\$	10	6	3	5	2	4	5
28	†	..	..	..	..	\$	..	..	..	4	1	2	2	1	0	8
29	..	†	..	..	..	†	..	..	..	8	3	2	2	2	6	2
30	..	\$	..	..	..	\$	..	†	..	6	2	4	2	1	2	9
Mean cloud amount.										8.0	6.1	6.1	5.3	4.5	4.6	4.4

NOVEMBER.

1	..	SW	..	..	..	SE	†	..	\$	2	4	1	5	2	3	2
2	..	..	†	..	..	†	..	..	..	3	1	0	1	0	0	1
3	..	..	†	..	..	..	..	..	..	7	1	1	0	1	0	1
4	..	..	..	..	..	..	..	..	..	7	5	0	2	1	0	3
5	..	\$	..	..	..	†	..	..	..	7	1	0	2	1	0	2
6	..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0
7	..	..	..	..	..	..	..	..	..	2	0	0	1	0	0	0
8	..	..	..	..	..	..	..	..	..	1	1	1	0	1	1	2
9	†	..	..	..	..	*	..	..	W	6	7	7	10	8	3	1
10	..	..	SE	..	NW	..	*	†	..	5	2	3	4	3	8	0
11	..	..	†	..	..	..	†	..	\$	4	4	6	5	6	4	0
12	..	..	SSE	..	..	SSW	..	..	E	2	3	7	6	7	9	1
13	..	..	E	..	..	*	..	..	*	8	4	8	9	8	10	6
14	..	..	*	..	..	*	..	..	*	10	10	10	10	10	10	4
15	..	..	SE	..	..	\$	..	..	†	5	4	3	4	2	5	0
16	†	..	..	..	W	..	..	..	\$	1	1	2	4	1	4	0
17	..	..	..	WNW	..	..	SW	..	..	3	2	2	4	1	4	2
18	W	..	..	WSW	..	..	..	..	†	6	5	4	3	3	2	5
19	..	..	..	..	..	\$	..	..	†	0	0	0	1	1	2	0
20	..	..	..	..	..	..	..	..	†	1	1	0	0	1	1	0
21	..	..	..	..	..	†	..	..	\$	0	0	0	2	1	2	0
22	..	..	N	..	..	\$	..	..	†	4	3	1	2	2	1	0
23	..	..	..	..	..	..	..	..	..	0	0	0	0	1	1	0
24	..	..	..	SW	..	..	..	..	..	2	2	3	3	2	3	7
25	..	..	..	SE	..	..	..	*	..	5	7	8	6	6	7	8
26	..	..	..	SW	..	..	Calm.	..	..	4	5	2	5	4	4	0
27	..	..	..	..	..	..	..	..	..	2	1	1	2	2	1	4
28	..	..	..	\$	..	..	†	..	..	5	3	2	0	0	0	0
29	..	..	..	..	..	..	..	..	..	2	2	2	2	4	2	10
30	..	..	SE	NE	..	\$	..	..	*	10	7	2	3	4	9	8
Mean cloud amount.										3.8	2.9	2.5	3.2	2.8	3.2	2.2

..No cloud.
†Scattered on the horizon.
\$At low angle.
*Overcast.
†Haze.

(Ci-Cu, A-Cu, A-S) ; L=Low clouds (Cu, Cu-N, S, N).

OCTOBER.

Cloud Forms. (Coming from.)									Cloud Amount (All Forms).								Day.
8½h.			12½h.			16½h.											
H.	M.	L.	H.	M.	L.	H.	M.	L.	6h.	8h.	10h.	12½h.	14h.	16h.	22h.		
..	E	..	..	..	..	†	..	..	7	.2	1	0	0	1	9	1	
..	..	..	..	..	..	..	†	..	7	1	2	0	0	0	10	2	
..	..	..	..	..	..	..	..	..	0	1	0	0	0	0	0	3	
..	..	..	..	..	..	..	..	..	4	2	1	4	5	6	4	4	
..	..	..	..	..	..	..	..	..	3	0	2	2	0	1	6	5	
..	..	..	..	..	..	..	..	..	10	4	4	4	2	4	1	6	
..	..	ENE	..	SW	..	..	..	SSW	10	3	2	6	4	5	8	7	
..	..	SE	..	..	E	..	..	E	6	7	8	5	6	5	3	8	
..	..	Calm	..	ESE	..	..	..	E	8	6	5	4	3	4	10	9	
..	..	..	..	Calm	..	..	..	..	7	5	6	4	6	5	10	10	
..	..	..	..	SSE	..	..	..	ENE	5	2	3	4	2	5	0	11	
..	..	..	..	S	..	..	..	..	4	6	5	4	2	4	0	12	
..	..	Calm	..	..	SSE	..	..	SSW	7	6	5	7	3	5	0	13	
..	..	*	..	ENE	..	..	..	SW	6	8	8	5	3	4	0	14	
..	..	W	..	..	WSW	..	..	..	4	3	3	3	2	1	0	15	
..	..	SW	..	..	S	..	..	SSW	5	4	4	4	3	3	0	16	
..	..	SW	..	..	SW	..	..	SW	4	6	7	4	6	6	2	17	
..	..	SW	..	..	SW	..	..	SW	4	5	7	6	7	5	2	18	
..	..	..	..	ENE	..	..	..	..	1	1	2	3	0	0	1	19	
..	..	..	..	..	†	..	..	..	4	0	0	1	0	0	0	20	
..	..	..	..	..	..	..	..	†	0	1	0	0	0	1	0	21	
..	..	..	..	..	..	..	..	*	3	0	0	0	1	2	9	22	
..	ENE	..	..	NE	..	..	..	ENE	0	2	4	3	0	2	2	23	
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	24	
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	25	
..	..	..	..	..	..	..	..	..	7	2	0	0	0	0	0	26	
..	..	..	..	..	..	..	..	..	1	1	0	0	0	0	0	27	
..	..	..	..	..	..	..	..	..	2	2	0	0	3	0	2	28	
SW	..	..	SW	..	..	..	..	..	3	3	5	4	4	3	0	29	
SSE	..	..	SSE	..	..	..	..	..	5	5	4	4	6	6	7	30	
..	..	..	†	..	..	..	..	..	2	0	0	1	3	1	4	31	
									4.2	2.8	2.8	2.6	2.4	2.5	2.9	Mean cloud amount.	

DECEMBER.

†	..	..	SE	..	..	Calm	..	..	5	4	3	4	3	5	6	1
..	..	..	SW	..	..	†	..	..	5	4	3	3	3	2	4	2
..	..	..	..	..	..	..	..	..	4	2	1	0	0	0	0	3
..	..	..	..	..	..	..	..	..	1	0	0	0	0	0	0	4
..	..	..	..	..	..	..	..	..	0	1	1	0	1	2	0	5
..	..	..	..	..	..	..	..	..	1	3	2	1	0	2	2	6
..	..	..	..	..	..	..	..	..	9	6	4	3	8	9	2	7
..	..	..	..	..	..	..	..	..	4	6	6	5	7	5	0	8
..	..	..	..	..	..	..	..	..	3	8	6	6	1	1	4	9
..	..	..	..	..	..	..	..	..	1	1	0	1	2	1	0	10
..	..	..	..	..	..	..	..	..	0	1	0	0	1	1	0	11
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	12
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	13
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	14
..	..	..	..	..	..	..	..	..	0	1	3	1	2	2	0	15
..	..	..	..	..	..	..	..	..	6	4	5	1	1	4	0	16
..	..	..	..	..	..	..	..	..	1	1	1	0	1	1	0	17
..	..	..	..	..	..	..	..	..	5	5	6	8	5	9	3	18
..	..	..	..	..	..	..	..	..	9	8	6	3	8	9	3	19
..	..	..	..	..	..	..	..	..	4	2	5	1	0	0	0	20
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	21
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	22
..	..	..	..	..	..	..	..	..	0	0	0	0	0	0	0	23
..	..	..	..	..	..	..	..	..	0	1	0	0	0	0	0	24
..	..	..	..	..	..	..	..	..	0	1	1	2	8	9	6	25
..	..	..	..	..	..	..	..	..	5	6	5	5	8	7	0	26
..	..	..	..	..	..	..	..	..	1	2	1	0	2	1	2	27
..	..	..	..	..	..	..	..	..	1	0	0	0	6	6	5	28
W	..	..	..	..	..	..	..	..	2	2	2	5	8	8	0	29
..	..	..	..	..	..	..	..	..	9	8	8	10	10	10	10	30
..	..	..	..	..	..	..	..	..	5	10	8	10	9	8	5	31
									2.6	2.8	2.5	2.2	3.0	3.3	1.7	Mean cloud amount.

..No cloud.
†Scattered on the horizon.
\$At low angle.
*Overcast.
†Haze.

Month.	In shade at the depths of										Exposed to the Sun at the depths of			
	1 inch.		9 inches.		20 inches.		60 inches.		132 inches.		1 inch.		8 inches.	
	Mean temperature.	Excess over the yearly mean.	Mean temperature.	Excess over the yearly mean.	Mean temperature.	Excess over the yearly mean.	Mean temperature.	Excess over the yearly mean.	Mean temperature.	Excess over the yearly mean.	Mean temperature.	Excess over the yearly mean.	Mean temperature.	Excess over the yearly mean.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°
January . . .	74.8	—7.9	77.1	—6.6	81.4	—4.7	84.1	—2.1	84.1	—0.5	84.4	—8.3	78.3	—7.4
February . . .	74.7	—8.0	76.2	—7.5	79.8	—6.3	82.9	—3.3	83.3	—1.3	86.8	—5.9	78.6	—7.1
March . . .	82.7	0.0	82.3	—1.4	83.3	—2.8	83.1	—3.1	83.1	—1.5	96.5	+3.8	86.8	+1.1
April . . .	86.6	+3.9	86.5	+2.8	87.9	+1.8	85.7	—0.5	84.1	—0.5	104.3	+11.6	85.5	—0.2
May . . .	87.7	+5.0	88.1	+4.4	89.7	+3.6	87.6	+1.4	84.7	+0.1	104.4	+11.7	99.1	+13.4
June . . .	84.3	+1.6	85.8	+2.1	88.6	+2.5	88.3	+2.1	85.1	+0.5	86.5	—6.2	85.1	—0.6
July . . .	83.5	+0.8	85.2	+1.5	87.7	+1.6	87.8	+1.6	85.3	+0.7	86.0	—6.7	85.4	—0.3
August . . .	83.0	+0.3	84.6	+0.9	87.1	+1.0	87.2	+1.0	85.1	+0.5	86.6	—6.1	85.1	—0.6
September . . .	83.3	+0.6	84.4	+0.7	86.9	+0.8	86.6	+0.4	85.1	+0.5	90.2	—2.5	86.1	+0.4
October . . .	86.4	+3.7	86.5	+2.8	88.1	+2.0	87.2	+1.0	85.2	+0.6	100.2	+7.5	89.6	+3.9
November . . .	84.9	+2.2	85.5	+1.8	87.9	+1.8	87.5	+1.3	85.2	+0.6	96.1	+3.4	86.4	+0.7
December . . .	80.8	—1.9	82.3	—1.4	85.4	—0.7	86.9	+0.7	84.8	+0.2	91.0	—1.7	82.1	—3.6
Year . . .	82.7		83.7		86.1		86.2		84.6		92.7		85.7	

MAGNETIC TABLES.

Diurnal variation of magnetic elements.

The following tables give the diurnal variation of declination (D), horizontal component of the force (H), the easterly component (Y), the vertical component (Z), the inclination (I) and the total force (F) for each month based on the hourly tabulations for the 5 international quiet days. Owing to very small value of D the variation tables of H and the northerly component of the force (X) are practically the same. No separate table for ΔX has consequently been given. The days are reckoned from 4 h. 51 m. to 3 h. 51 m. of the local mean time corresponding to the Greenwich civil day 0 h. to 23 h.

The variations in X, Y, I and F were computed from the variations in D, H and Z by means of the formulæ :

$$\begin{aligned}\Delta X &= 1.000 \Delta H - 0.011 \Delta D. \\ \Delta Y &= 0.001 \Delta H + 10.784 \Delta D. \\ \Delta I &= 0.076 \Delta Z - 0.036 \Delta H. \\ \Delta F &= 0.904 \Delta H + 0.427 \Delta Z.\end{aligned}$$

A *plus* sign indicates an hourly value greater than the mean for the day.

Mean results are also given for groups of four months, as indicated by the Roman numerals at the head of the columns :—I January, February, November, December ; II March, April, September, October ; III May, June, July, August.

All diurnal inequalities have been corrected for the aperiodic change by the formula $\frac{N(12-n)}{24}$ where 'N' denotes the excess at the second midnight of the representative day as compared to the first midnight and 'n' denotes any hour of the day reckoned from 0 (first midnight) to 24.

The diurnal variations of the different elements were first calculated for the local time from the tabulated ordinates. These were then plotted in an open scale, and then the values corresponding to G. M. T. hours were picked up from the curves. The "allowance for the use of Means", which is given by $u_p = m_p +$

$\frac{1}{12} \left(m_p - \frac{m_{p+1} + m_{p-1}}{2} \right)$, where u_p is the true ordinate and m_{p-1} , m_p , m_{p+1} the successive mean ordinates, is very small and less than 1γ in the case of H and V and 0.1 minute of arc in the case of D. Although small, the corrections have been used in determining the last significant figure in the following variation tables.

DIURNAL VARIATION OF D, 1925.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

Hour.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
0	-0.4	-0.5	-0.4	0.0	+0.4	+0.5	+0.5	+0.7	+0.3	+0.1	-0.1	-0.2	-0.3	0.0	+0.5	+0.1
1	-0.5	-0.6	-0.4	+0.3	+0.9	+1.4	+1.1	+1.4	+1.0	+0.3	-0.3	-0.4	-0.5	+0.3	+1.2	+0.5
2	-0.6	-0.6	-0.1	+1.2	+1.4	+2.5	+1.9	+2.3	+2.3	+1.0	-0.5	-0.7	-0.6	+1.1	+2.0	+0.8
3	-0.1	-0.2	+0.7	+1.6	+1.3	+2.7	+1.9	+2.5	+2.4	+1.3	-0.1	-0.7	-0.3	+1.5	+2.1	+1.1
4	+0.7	+0.7	+1.4	+1.4	+0.9	+1.9	+1.3	+1.6	+1.6	+1.2	+0.3	0.0	+0.4	+1.4	+1.4	+1.1
5	+0.9	+0.9	+1.6	+0.5	-0.1	+0.2	+0.2	-0.1	0.0	+0.4	+0.5	+0.4	+0.7	+0.6	0.0	+0.4
6	+0.2	+0.3	+1.1	-0.5	-1.1	-1.5	-0.9	-1.9	-1.7	-0.8	+0.1	+0.4	+0.3	-0.5	-1.3	-0.5
7	-0.2	-0.2	-0.1	-1.4	-1.6	-2.6	-1.6	-2.8	-2.8	-1.9	-0.1	0.0	-0.1	-1.6	-2.2	-1.3
8	-0.4	0.0	-0.9	-1.7	-1.7	-2.8	-1.7	-2.8	-2.9	-2.2	-0.1	0.0	-0.1	-1.9	-2.3	-1.4
9	-0.3	+0.3	-0.8	-1.4	-1.2	-2.3	-1.3	-2.0	-1.9	-1.4	+0.1	+0.1	+0.1	-1.4	-1.7	-1.0
10	0.0	+0.6	-0.4	-0.6	-0.6	-1.3	-0.7	-0.9	-0.6	-0.3	0.0	+0.1	+0.2	-0.5	-0.9	-0.4
11	+0.3	+0.4	0.0	-0.3	+0.1	-0.6	-0.1	0.0	+0.5	+0.5	+0.2	0.0	+0.2	+0.2	-0.2	+0.1
12	+0.3	+0.1	+0.2	+0.6	+0.5	0.0	-0.1	+0.5	+0.8	+0.6	+0.1	0.0	+0.1	+0.5	+0.2	+0.3
13	+0.1	-0.1	0.0	+0.3	+0.4	+0.1	-0.1	+0.5	+0.4	+0.1	-0.1	-0.1	-0.1	+0.2	+0.2	+0.1
14	+0.1	0.0	-0.1	-0.3	-0.1	-0.3	-0.4	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.2	-0.1
15	+0.1	0.0	-0.2	-0.4	-0.2	-0.3	-0.5	-0.2	-0.1	0.0	0.0	+0.1	0.0	-0.2	-0.3	-0.1
16	+0.1	0.0	-0.3	-0.3	-0.2	-0.2	-0.4	-0.1	-0.1	0.0	-0.1	0.0	0.0	-0.2	-0.2	-0.1
17	0.0	-0.1	-0.3	-0.3	0.0	0.0	-0.2	-0.1	-0.1	0.0	-0.2	0.0	-0.1	-0.1	-0.1	-0.1
18	0.0	-0.1	-0.3	-0.1	+0.1	+0.1	-0.1	0.0	0.0	+0.1	0.0	+0.1	0.0	-0.1	0.0	0
19	+0.1	-0.1	-0.2	0.0	+0.2	+0.2	+0.1	+0.1	+0.1	+0.2	+0.1	+0.2	+0.1	0.0	+0.2	+0.1
20	+0.1	-0.1	-0.1	+0.1	+0.2	+0.3	+0.2	+0.2	+0.1	+0.3	+0.1	+0.3	+0.1	+0.1	+0.2	+0.4
21	0.0	-0.1	-0.1	+0.2	+0.2	+0.4	+0.3	+0.2	+0.2	+0.2	+0.1	+0.3	+0.1	+0.1	+0.3	+0.1
22	-0.1	-0.3	-0.2	+0.2	+0.2	+0.3	+0.3	+0.3	+0.2	+0.2	+0.1	+0.2	0.0	+0.1	+0.3	+0.1
23	-0.3	-0.4	-0.3	+0.1	+0.3	+0.3	+0.3	+0.4	+0.2	+0.1	-0.1	0.0	-0.2	0.0	+0.3	+0.1

DIURNAL VARIATION OF H, 1925.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

0	-3	-5	-8	-12	-11	-9	-12	-14	-8	-9	-10	-6	-6	-9	-11	-9
1	-2	-4	-7	-11	-11	-7	-11	-12	-10	-9	-10	-3	-5	-9	-10	-8
2	+1	-1	-4	-9	-4	-2	-4	-6	-13	-10	-2	+1	-1	-9	-4	-4
3	+4	+5	+4	+5	+5	+5	+3	+3	-13	-3	+7	+9	+6	-2	+4	+3
4	+8	+12	+13	+18	+16	+13	+10	+12	+3	+9	+15	+17	+13	+11	+13	+12
5	+13	+18	+26	+30	+24	+23	+19	+21	+18	+23	+23	+22	+19	+24	+21	+21
6	+18	+21	+32	+35	+25	+28	+26	+30	+31	+32	+28	+23	+23	+32	+27	+27
7	+18	+23	+32	+34	+24	+26	+31	+32	+32	+32	+28	+22	+23	+33	+28	+28
8	+13	+18	+28	+28	+23	+23	+31	+29	+28	+27	+24	+16	+18	+28	+26	+24
9	+7	+11	+19	+17	+18	+16	+25	+23	+21	+14	+16	+8	+11	+18	+21	+16
10	+1	+4	+9	+25	+11	+8	+16	+13	+12	+5	+9	+3	+4	+13	+12	+10
11	-3	-1	+1	-4	+3	0	+4	+4	+3	-2	+1	-2	-1	-1	+3	0
12	-5	-5	-5	-5	-3	-7	-6	-4	-2	-5	-5	-6	-5	-4	+5	-5
13	-4	-7	-9	-9	-9	-12	-10	-9	-5	-5	-7	-8	-6	-7	-10	-8
14	+6	-7	-12	-11	-12	-12	-10	-11	-7	-7	-7	-8	-4	-9	-11	-8
15	-8	-7	-13	-13	-13	-12	-11	-12	-9	-9	-10	-10	-9	-11	-12	-11
16	-9	-9	-14	-15	-13	-11	-11	-13	-10	-11	-12	-12	-10	-12	-12	-12
17	-8	-10	-14	-15	-13	-11	-12	-12	-11	-11	-14	-11	-11	-13	-12	-12
18	-7	-10	-14	-14	-12	-9	-13	-11	-11	-11	-14	-10	-10	-12	-11	-11
19	-7	-9	-13	-12	-11	-9	-13	-12	-10	-10	-13	-10	-9	-11	-11	-11
20	-6	-9	-13	-12	-9	-10	-14	-12	-9	-11	-13	-9	-9	-12	-11	-11
21	-6	-9	-13	-12	-10	-10	-13	-13	-9	-11	-13	-9	-9	-11	-11	-11
22	-5	-8	-13	-11	-10	-10	-13	-14	-10	-10	-12	-9	-9	-11	-12	-10
23	-5	-6	-11	-11	-10	-11	-13	-13	-10	-9	-11	-8	-7	-10	-12	-10

DIURNAL VARIATION OF Y, 1925.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

0	-4	-5	-4	0	+5	+5	+5	+8	+4	+1	-1	-2	-3	0	+5	+1
1	-6	-6	-5	+4	+9	+15	+12	+15	+11	+4	-4	-5	-5	+3	+13	+4
2	-6	-7	-1	+13	+15	+27	+21	+25	+25	+10	-5	-8	-7	+12	+22	+9
3	-1	-2	-8	+18	+14	+29	+21	+27	+26	+15	-2	-7	-3	+17	+23	+12
4	+8	+7	+15	+15	+9	+20	+14	+17	+17	+13	+4	0	+3	+15	+15	+12
5	+9	+9	+17	+6	-2	+2	+2	-1	0	+5	+5	+5	+7	+7	0	+5
6	+2	+3	+11	-5	-12	-17	-9	-21	-19	-9	+1	+4	+3	-5	-15	-6
7	-2	-2	-1	-15	-18	-29	-17	-31	-30	-21	-1	0	-1	-17	-23	-14
8	-4	0	-9	-19	-19	-30	-18	-30	-31	-24	-1	0	-1	-21	-24	-15
9	-3	+3	-9	-15	-13	-24	-15	-21	-20	-15	+1	+1	+1	-15	-18	-11
10	0	+6	-4	-6	-6	-14	-8	-10	-6	-3	0	+1	+2	-5	-9	-4
11	+3	+5	0	-3	+1	-7	-2	0	+5	+6	+2	0	+2	+2	-2	+1
12	+3	+1	+2	+7	+5	0	-1	+6	+8	+6	+1	0	+1	+6	+3	+3
13	+1	-1	0	+3	+4	+1	-1	+6	+5	+1	-1	-1	-1	+2	+3	+1
14	+1	0	-1	-3	-1	-3	-4	0	0	0	0	0	0	-1	-2	-1
15	+1	0	-2	-4	-2	-3	-5	-2	-1	0	0	+1	0	-2	-3	-1
16	+1	0	-3	-3	-2	-2	-5	-1	-1	0	-1	0	0	-2	-3	-1
17	0	-1	-3	-3	0	0	-3	-1	-1	0	-2	0	-1	-1	-1	-1
18	0	-1	-3	-1	+1	+1	-1	0	0	+1	0	+1	0	-1	0	0
19	+1	-1	-2	0	+2	+3	+1	+2	+1	+3	+1	+1	+1	0	+2	-1
20	+1	-1	-1	+1	+2	+3	+2	+2	+1	+3	+1	+2	+1	+1	+2	+1
21	0	-2	-1	+2	+2	+4	+3	+3	+2	+2	+2	+3	+1	+1	+3	+2
22	-1	-3	-2	+2	+2	+4	+3	+4	+2	+2	+1	+2	0	+1	+3	+1
23	-3	-5	-3	+1	+3	+3	+3	+4	+2	+1	-1	0	-2	0	+3	+1

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

Hours.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Group means.			Year.
	I	I	II	II	III	III	III	III	II	II	I	I	I	II	III	
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
0	+1	+1	0	+2	+3	+7	+5	+4	+8	+5	+2	0	+1	+4	+5	+3
1	+2	0	+1	+5	+6	+12	+9	+7	+13	+8	+2	0	+1	+7	+9	+5
2	+3	+1	+5	+7	+6	+11	+9	+7	+14	+10	+3	0	+2	+9	+8	+7
3	+7	+6	+8	+3	0	+5	+3	+1	+5	+6	+6	+4	+6	+4	+2	+4
4	+7	+6	+5	-6	-6	-10	-5	-13	-16	-5	+3	+5	+5	-5	-3	-3
5	-2	-1	0	-11	-13	-21	0	-24	-27	-15	-3	+2	-1	-13	-15	-10
6	-11	-8	-8	-15	-13	-25	-13	-25	-28	-21	-7	-2	-7	-18	-19	-15
7	-15	-6	-13	-15	-9	-22	-11	-16	-23	-21	-5	-4	-7	-18	-15	-13
8	-12	-1	-9	-6	-5	-14	-8	-8	-10	-9	-2	-1	-4	-6	-9	-7
9	-6	0	-1	+5	+2	-3	-3	+7	+2	+1	-2	-1	-2	+2	-1	-1
10	-1	+1	+3	+10	+5	+3	+2	+8	+9	+7	-3	-2	-1	+7	+5	+4
11	+2	-1	+4	+10	+7	+7	+8	+12	+10	+7	-1	-2	0	+8	+7	+5
12	+2	-3	+2	+5	+5	+7	+1	+12	+6	+1	-3	-3	-2	+3	+6	+3
13	+2	-3	0	-1	+1	+4	0	+5	+1	-2	-3	-2	-1	-1	+3	0
14	+3	0	-1	-3	-2	+1	-1	+1	+1	+1	0	+1	+1	-1	0	0
15	+3	0	-1	-2	-1	+3	0	+3	+1	+1	0	0	+1	0	+1	+1
16	+3	+1	-1	0	+1	+5	+1	+3	+2	+1	-1	0	+1	+1	+2	+1
17	+3	0	0	+1	+1	+5	+2	+4	+3	+2	+1	0	+1	+2	+3	+2
18	+3	+1	+1	+2	+2	+5	+3	+4	+4	+4	+2	+1	+2	+3	+3	+3
19	+3	+1	+1	+2	+2	+5	+3	+4	+5	+4	+2	+1	+2	+3	+3	+3
20	+2	+1	+1	+2	+2	+5	+3	+3	+5	+4	+2	+1	+2	+3	+3	+3
21	+1	+1	+1	+2	+1	+4	+3	+3	+6	+4	+2	+1	+1	+3	+3	+2
22	+1	+1	+1	+2	+1	+4	+3	+3	+5	+4	+2	+1	+1	+3	+3	+2
23	+1	0	0	+1	+2	+4	+3	+3	+6	+3	+2	0	+1	+3	+3	+2

DIURNAL VARIATION OF I, 1925.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

0	+0.2	+0.2	+0.3	+0.5	+0.7	+0.8	+0.8	+0.8	+0.9	+0.7	+0.6	+0.2	+0.3	+0.6	+0.8	+0.6
1	+0.2	+0.1	+0.3	+0.8	+0.9	+1.1	+1.1	+1.0	+1.3	+0.9	+0.6	+0.1	+0.3	+0.8	+1.0	+0.7
2	+0.2	+0.1	+0.4	+0.9	+0.5	+1.0	+0.8	+0.7	+1.6	+1.2	+0.3	-0.1	+0.1	+1.0	+0.7	+0.6
3	+0.5	+0.3	+0.5	0	-0.2	+0.1	+0.2	-0.1	+0.6	+0.4	+0.1	0	+0.2	+0.4	0	-0.2
4	+0.2	0	-0.1	-1.2	-1.0	-1.3	-0.7	-1.4	-1.3	-0.7	-0.4	-0.3	-0.1	-0.8	-1.1	-0.6
5	-0.7	-0.7	-0.9	-2.0	-1.8	-2.4	-0.7	-2.6	-2.7	-1.9	-1.0	-0.7	-0.8	-1.9	-1.9	-1.0
6	-1.4	-1.4	-1.7	-2.5	-1.9	-2.9	-1.9	-3.0	-3.2	-2.7	-1.6	-1.0	-1.3	-2.5	-2.4	-2.1
7	-1.7	-1.2	-2.1	-2.3	-1.6	-2.6	-2.0	-2.3	-2.9	-2.7	-1.3	-1.1	-1.3	-2.5	-2.1	-2.0
8	-1.4	-0.8	-1.7	-1.5	-1.1	-1.8	-1.7	-1.6	-1.8	-1.7	-1.1	-0.7	-1.0	-1.7	-1.5	-1.4
9	-0.8	-0.4	-0.8	-0.3	-0.5	-0.9	-1.2	-0.7	-0.5	-0.4	-0.8	-0.3	-0.6	-0.5	-0.8	-0.6
10	-0.1	0	-0.1	+0.7	0	-0.1	-0.4	+0.1	-0.3	+0.3	-0.5	-0.2	-0.2	-0.1	-0.1	+0.1
11	+0.3	0	+0.3	+0.9	+0.4	+0.5	+0.1	+0.8	+0.6	+0.6	-0.1	0	+0.1	+0.6	+0.5	+0.4
12	+0.3	0	+0.4	+0.5	+0.5	+0.8	+0.2	+1.0	+0.5	+0.3	0	0	+0.1	+0.4	+0.6	+0.4
13	+0.4	0	+0.3	+0.2	+0.4	+0.7	+0.4	+0.7	+0.3	+0.1	0	+0.1	+0.1	+0.2	+0.5	+0.3
14	0	+0.3	+0.3	+0.2	+0.3	+0.5	+0.3	+0.5	+0.3	+0.3	+0.3	+0.3	+0.2	+0.3	+0.4	+0.3
15	+0.5	+0.3	+0.4	+0.4	+0.4	+0.6	+0.4	+0.6	+0.4	+0.4	+0.3	+0.4	+0.4	+0.4	+0.5	+0.4
16	+0.5	+0.3	+0.5	+0.6	+0.5	+0.7	+0.5	+0.8	+0.6	+0.5	+0.3	+0.4	+0.4	+0.5	+0.6	+0.5
17	+0.5	+0.4	+0.5	+0.6	+0.6	+0.8	+0.6	+0.7	+0.7	+0.6	+0.5	+0.4	+0.5	+0.6	+0.7	+0.6
18	+0.4	+0.5	+0.6	+0.6	+0.5	+0.7	+0.7	+0.7	+0.7	+0.7	+0.6	+0.5	+0.5	+0.7	+0.7	+0.6
19	+0.4	+0.4	+0.6	+0.6	+0.5	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.6
20	+0.3	+0.4	+0.6	+0.6	+0.4	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.6
21	+0.3	+0.4	+0.6	+0.6	+0.4	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.7	+0.6
22	+0.3	+0.3	+0.5	+0.5	+0.5	+0.7	+0.7	+0.7	+0.7	+0.7	+0.6	+0.3	+0.3	+0.6	+0.7	+0.5
23	+0.2	+0.2	+0.4	+0.5	+0.5	+0.7	+0.7	+0.7	+0.9	+0.6	+0.6	+0.3	+0.3	+0.6	+0.7	+0.5

DIURNAL VARIATION OF F, 1925.

[INTERNATIONAL QUIET DAYS, GREENWICH MEAN TIME.]

0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
1	-2	-5	-7	-10	-8	-5	-9	-11	-4	-6	-8	-5	-5	-7	-8	-7
2	-1	-3	-5	-7	-7	-1	-6	-7	-3	-5	-8	-3	-4	-5	-5	-5
3	+2	-1	-1	-5	-1	+3	0	-3	-5	-5	-1	+1	0	-4	0	-1
4	+7	+7	+7	+6	+5	+7	+4	+3	-11	-1	+9	+10	+8	0	+5	+4
5	+11	+13	+14	+14	+12	+8	+7	+5	-4	+6	+15	+17	+14	+7	+8	+10
6	+11	+15	+23	+22	+16	+11	+17	+9	-5	+14	+20	+20	+17	+16	+13	+15
7	+12	+16	+25	+25	+17	+14	+18	+16	+16	+20	+23	+20	+18	+21	+16	+19
8	+10	+18	+24	+25	+18	+14	+23	+22	+19	+20	+23	+18	+17	+22	+19	+19
9	+7	+16	+22	+23	+19	+15	+24	+23	+21	+21	+21	+14	+14	+21	+20	+19
10	+4	+10	+16	+18	+17	+13	+21	+21	+20	+13	+14	+7	+9	+17	+18	+15
11	+1	+4	+9	+7	+12	+8	+16	+15	+15	+7	+7	+2	+3	+9	+13	+9
12	-2	-2	+2	+1	+6	+3	+5	+9	+7	+2	0	-3	-1	+3	+6	+2
13	-3	-6	-4	-3	-1	-3	-5	+1	0	-4	-5	-7	-5	+3	-2	-3
14	-5	-7	-9	-8	-7	-9	-9	-6	-4	-5	-7	-8	-6	-7	-8	-7
15	-6	-7	-11	-11	-11	-11	-10	-10	-6	-5	-7	-7	-6	-9	-10	-8
16	-7	-8	-13	-13	-11	-9	-10	-10	-8	-9	-11	-11	-9	-11	-10	-10
17	-6	-9	-13	-13	-11	-7	-10	-9	-9	-9	-13	-10	-9	-11	-9	-10
18	-5	-9	-12	-12	-10	-6	-10	-9	-8	-8	-11	-9	-9	-10	-9	-9
19	-5	-8	-11	-10	-9	-6	-11	-9	-7	-8	-11	-8	-8	-9	-9	-9
20	-5	-8	-11	-10	-8	-7	-11	-10	-6	-8	-11	-7	-8	-9	-9	-9
21	-5	-8	-11	-10	-8	-7	-11	-11	-6	-8	-11	-8	-8	-9	-9	-9
22	-3	-7	-11	-9	-9	-8	-10	-11	-7	-7	-10	-8	-7	-9	-9	-8
23	-4	-6	-9	-10	-9	-8	-10	-10	-6	-7	-9	-7	-7	-8	-9	-8

JANUARY.

0° PLUS TABULAR QUANTITIES.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	4.7	4.6	4.6	4.5	4.3	4.2	4.3	4.4	4.9	5.1	4.5	3.9	3.7	3.9	4.2
2	4.9	4.8	4.7	4.7	4.5	4.6	4.4	4.7	5.9	6.9	6.4	4.9	3.8	3.9	4.7
3	4.8	4.8	4.6	4.5	4.5	4.4	4.3	4.4	5.4	5.1	4.1	3.1	2.7	3.3	4.5
4†	4.6	4.6	4.4	4.2	4.0	4.0	4.1	4.8	6.3	6.7	5.2	4.4	4.3	3.7	4.0
5	4.6	4.5	4.4	4.2	4.1	3.8	3.9	4.1	5.3	5.9	5.5	4.4	3.5	3.8	4.4
6	4.5	4.4	4.2	4.1	4.0	3.8	3.6	4.3	5.6	6.5	6.0	4.3	3.1	3.5	3.7
7	4.3	4.3	4.1	3.9	3.8	3.7	3.5	3.6	4.8	5.9	5.2	3.9	3.7	4.0	4.1
8	4.5	4.3	4.2	4.1	3.8	3.7	3.5	3.6	4.5	5.9	6.3	5.9	5.3	5.2	4.6
9	4.5	4.5	4.4	4.3	3.9	3.7	3.1	2.9	3.7	4.9	5.5	4.7	4.5	4.8	4.7
10†	4.4	4.4	4.2	3.9	3.8	3.7	3.6	3.9	4.8	5.3	5.5	5.2	4.9	4.2	3.9
11†	4.3	4.3	4.2	4.2	4.1	3.9	3.7	3.8	4.1	4.2	3.5	2.9	2.7	3.8	4.7
12	4.4	4.3	4.2	4.1	4.0	3.8	3.8	4.4	5.2	5.7	5.9	4.3	3.5	3.7	4.0
13	4.4	4.3	4.2	4.1	4.0	3.7	3.5	3.1	3.9	5.0	4.9	3.9	3.5	3.3	3.6
14	4.6	4.6	4.4	4.3	4.0	3.7	3.5	3.5	4.6	5.2	5.3	4.4	3.6	3.2	3.6
15	4.3	4.4	4.4	4.3	4.1	4.0	3.9	4.4	5.4	6.0	5.1	4.1	3.3	3.2	3.3
16	4.5	4.4	4.4	4.2	4.1	4.1	4.2	4.7	5.6	5.2	3.1	2.1	2.3	2.6	3.1
17	4.6	4.8	5.0	3.6	4.0	3.9	3.9	3.6	4.5	5.3	4.9	2.7	2.5	3.6	3.9
18	4.8	4.9	4.9	5.0	4.9	4.5	4.4	4.4	5.2	5.0	3.2	2.8	3.5	3.9	3.6
19	4.5	4.6	5.3	5.0	4.5	4.1	3.6	3.8	4.7	6.2	5.3	3.8	3.1	3.7	4.5
20	5.9	5.5	4.5	3.3	2.9	1.8	1.9	3.2	3.9	4.9	4.8	4.6	4.3	4.1	4.3
21	4.4	4.5	4.5	4.4	4.0	3.7	3.7	4.3	5.4	6.7	6.9	4.5	1.9	1.7	2.6
22	4.4	4.5	4.1	3.9	3.6	3.3	3.6	4.2	5.1	5.6	5.9	4.9	3.6	2.9	2.9
23	4.4	4.3	4.2	4.1	3.8	3.5	3.1	3.7	5.0	6.0	6.3	6.0	6.1	5.3	4.2
24	4.3	4.7	4.0	3.8	3.3	2.8	2.7	3.3	4.4	5.0	4.4	3.9	3.9	4.2	4.2
25†	4.5	4.3	4.0	4.0	3.7	3.5	3.4	3.5	4.0	4.9	5.1	4.8	4.2	4.4	4.5
26	4.3	4.2	4.2	4.0	3.9	3.7	3.6	3.6	4.0	4.0	3.9	3.8	3.6	3.9	3.7
27	4.5	4.4	4.1	3.9	3.8	3.5	3.3	3.3	3.8	4.7	4.9	3.9	3.3	3.9	4.4
28†	4.4	4.3	4.3	4.1	3.9	3.9	3.7	3.7	4.2	4.6	4.0	3.7	3.6	3.6	3.7
29	4.2	4.1	4.1	3.9	3.8	3.6	3.3	3.0	3.8	4.9	5.8	5.6	4.9	4.3	4.1
30	4.1	4.0	4.0	3.8	3.6	3.2	2.9	2.7	2.9	3.6	3.9	4.0	4.3	4.6	4.5
31	3.9	3.8	3.7	3.8	3.7	3.5	3.4	3.6	4.0	4.0	3.6	3.0	3.2	3.4	4.0
Mean . . .	4.5	4.5	4.3	4.1	3.9	3.7	3.6	3.8	4.7	5.3	5.0	4.1	3.7	3.8	4.0
Mean† . . .	4.5	4.4	4.2	4.1	3.9	3.8	3.7	3.9	4.6	5.2	4.7	4.2	3.9	3.9	4.2

FEBRUARY.

1	3.9	3.9	3.8	3.6	3.6	3.4	3.1	3.0	3.6	4.6	5.3	5.1	5.2	5.2	4.5
2	3.9	4.0	4.0	3.7	4.0	3.8	3.8	3.9	4.6	5.3	5.1	4.2	4.3	4.2	3.5
3†	3.9	3.8	3.7	3.5	3.5	3.6	3.6	3.6	4.7	4.6	5.2	4.5	4.5	4.8	5.1
4†	4.7	4.6	4.5	4.3	4.3	4.3	4.1	4.3	4.8	5.1	5.0	4.5	4.2	4.4	4.7
5	4.4	4.3	4.1	4.0	3.9	3.8	3.6	3.7	4.4	4.7	4.7	4.5	4.5	4.9	4.6
6	4.5	4.4	4.3	4.1	3.8	3.6	3.5	3.8	4.6	5.3	5.7	6.0	5.9	5.0	4.3
7	4.7	4.5	4.4	4.2	4.0	3.8	3.7	3.8	4.7	5.6	5.9	5.3	4.7	4.4	4.2
8	4.4	4.6	4.4	4.2	3.9	3.8	3.5	3.6	4.6	5.8	6.4	6.0	5.3	4.9	4.5
9	4.6	4.5	4.4	3.5	2.8	2.6	2.6	2.9	4.5	6.4	6.9	6.6	6.4	5.7	5.0
10	5.1	5.0	5.0	4.8	4.8	4.3	4.1	3.9	4.4	5.0	5.3	5.5	5.7	5.7	5.4
11	4.6	4.5	4.7	4.7	4.5	4.3	4.0	4.2	5.0	5.1	4.8	4.7	4.5	4.5	4.0
12	4.9	4.9	5.0	4.9	4.3	4.3	3.8	3.5	3.7	4.0	4.1	4.0	3.7	3.8	4.4
13	4.7	4.9	4.8	3.6	4.5	4.3	3.8	3.7	4.2	3.9	2.8	2.6	3.2	3.7	3.5
14	4.8	4.8	4.6	4.5	4.4	4.2	4.0	3.8	4.1	4.5	4.3	4.0	4.4	5.0	5.1
15	4.5	4.4	4.5	4.4	4.2	4.1	3.9	3.8	4.5	5.1	4.8	3.9	3.4	3.2	3.6
16	4.3	4.3	4.3	4.2	4.1	3.9	3.8	4.1	4.8	5.1	5.0	4.8	4.1	4.1	4.1
17	4.2	4.2	4.2	4.4	4.2	4.0	3.6	3.8	4.5	5.1	5.2	5.1	4.6	4.3	4.7
18	4.6	4.5	4.4	4.1	4.2	4.1	3.9	4.0	4.8	5.3	5.1	5.1	4.8	4.1	4.2
19	4.1	4.3	4.4	4.4	4.1	4.0	3.7	3.7	4.0	4.6	4.5	3.8	3.7	3.3	3.3
20	4.9	5.0	4.9	4.9	4.9	4.5	3.9	3.6	4.4	4.7	4.1	3.4	4.1	5.0	5.2
21†	4.0	4.0	3.9	3.8	3.8	3.8	3.7	4.0	4.7	5.2	5.0	4.3	4.8	4.9	4.8
22†	4.1	4.1	3.9	3.9	3.7	3.7	3.5	3.9	5.1	5.3	4.3	3.8	3.6	3.7	4.5
23†	4.0	3.9	3.8	3.6	3.4	3.3	3.3	3.9	5.2	5.4	4.7	3.9	3.8	4.1	4.8
24	4.3	4.1	4.2	4.0	3.9	3.6	3.7	4.0	4.7	4.8	4.6	3.7	3.7	4.2	4.5
25	5.1	5.1	4.7	4.5	4.0	3.8	4.3	5.0	5.5	5.8	5.6	5.2	5.6	5.3	4.3
26	4.4	4.4	4.4	4.1	4.0	3.9	3.9	4.1	5.2	5.5	4.9	4.7	4.2	3.9	4.1
27	4.3	4.2	4.1	4.0	3.8	3.6	3.6	3.9	4.8	5.3	5.3	4.9	4.7	4.6	4.3
28	4.0	4.1	4.0	3.8	3.7	3.6	3.4	3.7	4.7	5.3	5.1	4.4	3.9	3.4	2.9
Mean . . .	4.4	4.4	4.3	4.2	4.0	3.9	3.7	3.8	4.6	5.1	5.0	4.6	4.5	4.5	4.4
Mean† . . .	4.1	4.1	3.9	3.8	3.8	3.7	3.7	3.9	4.9	5.1	4.8	4.2	4.2	4.4	4.8

† Five international quiet days.

JANUARY.

0° PLUS TABULAR QUANTITIES.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

Hours.									Mean.*	Maximum		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.	
										H. M.		H. M.		
4.3	4.7	4.8	4.6	4.7	4.5	4.5	4.7	4.7	4.5	8 56	5.2	5 40	3.7	1
5.1	4.9	4.8	4.8	4.8	4.7	4.7	4.7	4.8	4.9	9 20	7.2	12 44	3.6	2
5.5	5.6	4.9	4.7	4.9	4.8	4.6	4.6	4.6	4.5	15 12	5.9	11 56	2.6	3
4.4	4.6	4.4	4.7	4.7	4.6	4.5	4.5	4.5	4.6	9 20	7.2	13 20	3.6	4†
4.8	4.7	4.6	4.8	4.8	4.9	4.7	4.6	4.6	4.5	9 32	6.2	7 6	3.1	5
4.1	4.7	4.6	4.6	4.5	4.4	4.3	4.4	4.3	4.4	9 20	6.6	11 56	3.0	6
4.5	4.6	4.6	4.5	4.5	4.6	4.5	4.5	4.5	4.3	9 18	6.2	6 40	3.1	7
4.3	4.2	4.1	4.4	4.5	4.5	4.5	4.5	4.5	4.5	10 20	6.3	6 40	3.2	8
4.9	5.3	5.1	4.6	4.6	4.7	4.6	4.5	4.5	4.5	10 20	5.7	7 20	2.8	9
4.5	4.7	4.4	4.3	4.3	4.4	4.5	4.4	4.3	4.4	10 5	5.7	6 20	3.5	10†
5.3	5.0	4.7	4.3	4.4	4.4	4.4	4.4	4.4	4.2	15 40	5.5	12 0	2.6	11†
4.3	4.3	4.2	4.2	4.3	4.4	4.3	4.3	4.4	4.3	9 40	6.2	12 6	3.1	12
4.1	4.3	4.3	4.3	4.5	4.8	4.6	4.6	4.6	4.4	9 14	5.2	7 6	3.1	13
4.3	4.6	4.4	4.5	4.6	4.5	4.6	4.5	4.4	4.3	10 4	5.3	13 50	3.1	14
4.0	4.6	4.5	4.5	4.7	4.6	4.5	4.4	4.5	4.3	9 12	6.3	12 40	3.2	15
3.7	4.3	4.2	4.2	4.3	4.3	4.2	4.1	4.1	4.0	8 48	6.0	11 20	1.9	16
4.3	4.3	4.3	4.6	4.6	4.5	4.6	4.6	4.5	4.2	9 16	5.4	11 56	2.2	17
3.7	4.0	4.4	4.4	4.4	4.3	4.3	4.3	4.5	4.3	9 0	5.3	11 0	2.3	18
4.9	4.9	4.5	4.4	5.1	5.1	5.1	5.8	5.6	4.7	9 34	6.3	11 44	2.7	19
5.1	5.1	4.9	4.7	4.6	4.6	4.7	5.0	4.6	4.3	0 20	6.1	5 20	1.7	20
3.7	4.3	4.5	4.7	4.6	4.4	4.5	4.5	4.5	4.3	10 16	7.4	12 48	1.5	21
3.1	3.7	4.1	4.5	4.5	4.6	4.6	4.6	4.5	4.2	9 40	6.4	14 4	2.6	22
4.2	4.4	4.5	4.4	4.5	4.9	5.1	4.6	4.3	4.6	10 0	6.4	6 44	3.0	23
4.1	4.1	4.3	4.8	4.4	4.3	4.6	4.5	4.5	4.1	9 46	5.5	6 8	2.3	24
4.5	4.5	4.4	4.3	4.5	4.4	4.2	4.2	4.3	4.3	9 10	5.4	5 40	3.3	25†
3.9	4.3	4.3	4.3	4.5	4.4	4.5	4.5	4.5	4.1	22 0	4.6	7 0	3.3	26
4.5	4.7	4.7	4.6	4.5	4.3	4.3	4.3	4.4	4.2	10 0	5.4	5 22	3.3	27
3.8	4.0	4.2	4.1	4.2	4.1	4.1	4.1	4.2	4.0	9 26	4.6	7 6	3.3	28†
3.9	4.1	4.1	4.2	4.3	4.2	4.1	4.1	4.1	4.2	10 20	5.9	7 0	2.8	29
4.1	4.0	4.1	4.2	4.1	4.2	4.1	4.1	4.1	3.9	13 20	4.6	6 40	2.6	30
4.3	4.3	4.2	4.2	4.0	4.8	3.9	4.0	4.0	3.8	15 40	4.6	11 20	3.0	31
4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.3					Mean.
4.5	4.6	4.4	4.3	4.4	4.4	4.3	4.3	4.3	4.3					Mean†

FEBRUARY.

3.5	3.4	4.4	4.7	4.5	4.1	4.0	4.0	4.0	4.1	10 20	5.6	6 58	2.5	1
3.7	3.9	4.3	4.2	4.1	4.1	4.1	4.1	4.0	4.1	9 10	5.4	14 20	2.9	2
4.6	4.3	4.3	4.7	4.8	4.8	4.8	4.8	4.7	4.3	10 24	5.3	3 20	3.2	3†
4.5	4.3	4.5	4.5	4.4	4.4	4.5	4.4	4.4	4.5	9 8	5.4	6 48	3.7	4†
4.3	4.1	4.4	4.6	4.8	4.6	4.4	4.3	4.4	4.3	19 20	5.0	7 0	3.2	5
4.2	4.1	4.4	4.5	4.4	4.4	4.5	4.5	4.6	4.5	12 16	6.2	6 48	3.4	6
4.3	4.5	4.4	4.4	4.5	4.4	4.4	4.3	4.4	4.5	9 22	6.0	6 46	3.5	7
4.2	4.1	4.2	4.2	4.1	4.4	4.3	4.4	4.7	4.5	10 8	6.6	7 4	3.2	8
5.0	4.5	4.2	4.2	4.4	4.3	4.3	4.6	5.1	4.6	9 44	7.3	4 40	2.3	9
4.9	4.5	4.0	4.3	4.4	4.5	4.3	4.5	4.7	4.8	13 0	5.9	7 24	3.8	10
3.9	3.9	4.0	4.2	4.3	4.4	4.3	4.4	4.5	4.4	9 26	5.2	15 20	3.5	11
4.7	4.4	4.5	4.4	4.4	4.6	4.9	4.9	4.7	4.4	3 0	5.2	7 4	3.3	12
3.8	4.0	4.1	4.2	4.4	4.5	4.4	4.5	4.6	4.1	1 40	5.1	10 52	2.4	13
4.5	4.4	4.4	4.5	4.8	4.6	4.5	4.6	4.6	4.5	14 0	5.3	7 0	3.6	14
4.0	4.3	4.3	4.5	4.2	4.3	4.3	4.2	4.3	4.2	9 28	5.2	13 0	3.1	15
4.1	4.2	4.2	4.2	4.2	4.3	4.4	4.3	4.2	4.3	9 8	5.2	5 28	3.5	16
5.2	4.9	4.4	4.2	4.2	4.2	4.4	4.4	4.7	4.5	9 28	5.4	6 24	3.3	17
4.2	4.2	3.9	3.9	3.9	4.1	4.1	4.1	4.1	4.3	9 14	5.3	7 0	3.5	18
3.7	4.0	4.0	4.2	4.2	4.5	4.5	4.6	4.8	4.1	23 20	4.9	14 0	2.9	19
4.9	4.1	3.6	3.7	3.8	4.0	4.0	4.0	4.0	4.3	15 0	5.3	7 0	2.9	20
4.7	4.5	4.2	4.2	4.0	4.0	4.0	3.9	4.1	4.3	9 20	5.2	6 48	3.5	21†
5.0	4.6	4.1	4.1	4.0	4.0	3.8	4.0	3.9	4.1	9 0	5.3	7 0	3.5	22†
5.2	4.9	4.2	4.3	4.3	4.1	4.1	4.1	4.2	4.2	9 16	5.5	6 20	3.0	23†
4.9	4.6	4.3	4.2	4.1	4.0	4.1	4.3	4.6	4.2	9 10	4.9	7 0	3.6	24
4.1	4.4	4.7	4.6	4.5	4.3	4.2	4.3	4.3	4.7	9 8	6.1	5 20	3.5	25
4.3	4.4	4.3	4.3	4.2	4.2	4.1	4.1	4.2	4.3	9 8	5.6	6 56	3.0	26
4.0	3.8	4.2	4.3	4.2	4.1	4.0	4.0	4.1	4.3	9 0	5.6	6 40	3.0	27
3.1	3.3	3.8	3.8	3.9	4.0	4.1	4.3	4.5	3.9	9 16	5.6	14 24	2.5	28
4.3	4.3	4.2	4.3	4.3	4.3	4.3	4.3	4.4	4.3					Mean.
4.8	4.5	4.3	4.3	4.3	4.3	4.2	4.2	4.2	4.3					Mean†

* The daily mean value of declination derived from 24 hourly values has been corrected for progressive change by 1/48 of the difference between the values of the initial and terminal hours [i.e. by 1/48 (a₂₄ - a₀)].
† Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH.

0° PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	4.5	4.3	4.4	4.4	4.4	4.3	4.3	4.6	5.2	5.5	5.9	5.6	4.2	3.6	3.5
2	4.2	4.3	4.3	4.1	4.0	4.0	4.1	4.8	5.7	6.2	5.8	4.0	2.4	1.8	2.5
3†	4.1	4.1	4.0	3.9	4.0	4.1	4.0	4.7	5.5	5.8	5.8	4.2	2.3	2.1	3.2
4	4.1	4.1	4.0	4.0	4.0	3.9	3.9	4.5	5.6	5.6	4.8	3.6	3.1	3.5	4.0
5	4.2	4.1	4.3	4.3	4.2	4.4	4.8	5.5	6.5	6.5	5.3	3.8	2.2	1.8	2.7
6	4.5	4.5	4.3	4.3	4.2	4.0	4.3	4.8	5.5	5.4	4.9	4.3	3.8	3.7	4.2
7	4.2	4.2	4.1	3.7	3.6	3.5	3.5	3.7	4.5	4.7	4.4	3.9	3.2	3.0	3.5
8†	3.9	3.9	3.8	3.8	3.8	3.7	3.7	4.5	5.9	6.7	6.6	6.1	5.5	4.9	4.7
9	3.9	3.9	3.8	3.7	3.5	3.5	3.7	4.3	5.4	6.0	5.5	5.2	4.0	3.6	3.9
10	4.5	4.5	4.5	4.1	3.9	4.1	3.8	3.9	4.7	5.2	4.9	4.4	4.0	3.9	4.2
11	4.1	4.1	4.0	3.6	3.5	3.4	3.4	3.6	4.0	4.2	4.1	3.6	3.3	3.7	4.1
12	4.1	4.2	4.1	3.9	3.9	3.9	4.2	4.7	5.0	4.7	3.9	3.4	3.1	3.2	3.7
13	3.9	3.9	4.0	4.0	4.0	4.0	4.2	4.7	5.0	4.9	4.7	4.0	3.4	3.2	3.5
14	4.1	4.2	4.0	4.1	3.9	3.9	3.9	4.8	5.6	5.9	5.8	4.4	3.4	2.9	3.5
15	3.9	3.9	3.7	3.6	3.6	3.5	3.8	4.5	5.3	5.9	6.3	5.0	4.3	4.0	3.8
16	4.5	4.3	3.8	3.7	3.7	3.9	4.3	5.1	5.8	6.4	5.9	5.0	4.1	3.4	3.7
17	4.0	4.0	3.9	3.9	3.8	3.8	3.7	4.4	5.3	6.0	5.7	4.9	3.9	3.6	3.9
18†	4.5	4.5	4.3	4.1	4.1	4.0	4.0	4.2	4.6	5.1	5.0	4.2	3.4	2.9	2.9
19	4.2	4.3	4.1	4.1	3.9	3.7	3.6	4.3	5.0	5.7	5.8	4.4	3.1	2.9	3.4
20	4.3	4.3	4.3	4.2	4.1	4.1	3.8	4.1	4.9	5.5	5.6	4.7	3.5	2.9	3.2
21	4.3	4.6	4.6	4.5	4.2	4.0	4.0	4.5	5.2	5.6	5.0	4.1	3.4	3.3	4.1
22	4.2	4.2	4.1	3.9	3.9	3.7	4.1	5.1	6.4	6.6	6.3	4.3	3.1	2.9	3.5
23	4.2	4.2	4.2	4.1	4.0	4.1	4.4	5.8	6.6	6.9	6.1	4.4	3.2	3.2	3.7
24	4.2	4.1	4.1	3.9	3.7	3.8	4.3	5.3	6.3	6.8	6.0	4.1	3.4	2.9	3.3
25	4.2	4.3	4.3	3.9	3.9	3.9	4.3	5.7	6.7	7.5	6.8	5.5	4.3	3.3	3.8
26	4.6	4.4	4.4	4.2	3.9	4.0	4.0	5.1	5.7	6.5	6.2	5.0	3.9	3.6	3.3
27	4.2	4.3	4.2	4.1	3.9	4.0	4.2	4.9	5.1	5.2	4.5	3.5	3.0	2.7	2.7
28†	4.5	4.4	4.3	4.2	4.3	4.2	4.3	5.1	5.6	5.7	5.6	4.9	4.1	3.6	3.7
29	4.5	4.2	4.2	4.1	4.0	3.9	3.9	4.5	5.1	5.4	5.5	4.7	3.5	3.1	3.4
30	4.6	4.6	4.5	4.3	4.2	4.2	4.4	5.3	6.1	6.4	6.0	4.8	4.4	4.5	4.8
31†	4.0	4.1	4.1	4.2	4.1	4.0	4.5	5.6	6.4	6.6	5.5	4.1	3.1	3.7	4.4
Mean	4.2	4.2	4.1	4.0	3.9	3.9	4.1	4.7	5.5	5.8	5.5	4.5	3.5	3.3	3.7
Mean†	4.2	4.2	4.1	4.0	4.0	4.0	4.1	4.8	5.6	6.0	5.7	4.7	3.7	3.5	3.8

APRIL.

1	4.1	4.2	4.1	4.0	4.0	3.9	4.6	5.7	5.9	5.5	4.5	3.7	2.7	3.1	3.7
2	4.8	4.6	4.5	4.4	4.2	4.4	4.8	5.1	5.1	4.9	4.6	3.6	2.6	2.4	2.7
3	4.0	3.9	3.8	3.7	3.8	3.8	3.9	4.5	4.6	4.7	4.7	3.4	2.7	2.7	3.2
4†	5.0	4.6	4.5	4.4	4.4	4.5	5.0	5.5	5.5	5.1	4.1	2.8	1.6	1.7	2.4
5	4.3	4.4	4.4	4.4	4.2	4.1	4.2	4.9	5.7	6.5	5.9	3.4	2.2	1.8	2.3
6	4.4	4.4	4.3	4.1	4.2	4.2	4.8	5.6	6.0	6.0	4.4	2.7	1.7	2.2	3.0
7	4.5	4.7	4.5	4.0	4.3	4.3	4.2	5.7	6.3	6.6	4.9	2.7	1.9	2.5	2.9
8	4.4	4.3	4.4	4.2	4.1	4.3	5.0	5.4	5.7	5.5	5.2	3.5	2.3	2.6	3.1
9	4.3	4.3	4.3	4.1	4.0	4.2	4.7	5.3	5.4	5.1	4.5	3.3	2.6	2.5	2.6
10	4.3	4.3	4.2	4.0	3.9	3.9	4.0	5.0	5.5	5.5	4.9	4.2	3.5	3.1	2.9
11	4.1	4.3	4.3	4.0	3.8	3.8	4.3	5.1	5.7	5.9	5.2	3.3	2.4	2.3	2.7
12	4.5	4.4	4.5	4.5	4.1	4.1	5.4	6.7	7.4	6.5	3.9	2.3	1.3	1.9	2.3
13	4.8	4.7	4.5	4.5	4.4	4.2	4.7	5.1	5.1	4.7	3.4	2.3	2.2	2.8	3.6
14	4.1	4.1	4.0	4.1	4.1	4.5	5.3	5.7	5.1	4.5	3.1	1.5	1.0	1.0	1.8
15	4.2	4.4	4.3	4.5	4.5	4.6	5.3	5.9	6.0	5.4	3.7	2.0	1.2	1.2	2.0
16	5.0	4.6	4.8	4.7	4.5	4.5	5.4	6.0	5.6	4.9	3.1	1.5	1.2	2.3	3.5
17†	4.4	4.5	4.5	4.5	4.5	4.6	5.5	6.0	5.7	5.2	4.2	3.2	2.5	2.8	3.7
18	4.5	4.6	4.6	4.6	4.5	4.5	5.5	6.0	5.5	4.3	3.3	2.6	2.3	2.5	3.0
19†	4.7	4.8	4.7	4.6	4.5	4.4	4.8	5.3	5.4	4.6	3.9	3.2	2.9	3.1	3.8
20	4.2	4.3	4.3	4.3	4.2	4.2	5.2	5.7	5.2	3.9	2.3	0.8	0.3	1.2	2.0
21	4.9	4.7	4.7	4.6	4.4	4.5	5.8	6.4	5.9	4.8	3.8	2.8	2.3	2.8	3.5
22	4.3	4.3	4.2	4.1	4.0	4.3	5.2	5.5	4.9	4.1	3.4	2.1	1.3	1.4	2.2
23	4.2	4.2	4.1	4.0	3.9	4.2	4.9	5.1	4.1	3.0	2.1	1.4	1.1	1.3	1.7
24†	4.0	4.1	4.0	4.1	4.2	4.6	5.5	6.2	6.1	5.3	4.1	3.3	2.7	2.4	3.3
25†	3.9	4.0	4.1	4.0	3.9	3.9	5.0	5.8	6.1	5.0	4.0	3.3	2.7	2.9	3.3
26	3.8	4.0	3.9	3.9	4.0	4.0	5.0	5.7	5.0	3.8	2.8	2.7	2.5	3.0	3.8
27	4.2	4.3	4.3	4.4	4.4	4.8	6.2	6.6	6.4	5.3	4.2	2.9	2.0	2.1	2.5
28	4.6	4.7	4.5	4.4	4.4	4.6	5.1	5.3	5.0	4.2	3.4	2.9	2.2	2.6	3.4
29	4.5	4.7	4.7	4.6	4.6	4.9	5.1	5.2	4.8	3.7	2.9	2.5	2.1	2.3	2.6
30	4.2	4.3	4.1	4.4	4.1	4.4	5.0	5.3	5.6	5.4	4.2	2.4	2.0	3.0	3.7
Mean	4.4	4.4	4.3	4.3	4.2	4.3	5.0	5.6	5.5	5.0	4.0	2.7	2.1	2.3	2.9
Mean†	4.4	4.4	4.4	4.3	4.3	4.4	5.2	5.8	5.8	5.1	4.1	3.1	2.5	2.6	3.3

†Five international quiet days.

DECLINATION (EASTERLY), 1925.

91

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MARCH.

0° PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
										H. M.		H. M.		
4.0	4.5	4.8	4.8	4.8	4.2	4.1	4.0	4.1	4.5	11 0	6.1	14 0	3.3	1
3.7	4.3	4.7	4.7	4.4	4.2	4.1	4.1	4.1	4.2	9 16	6.2	13 20	1.3	2
4.3	4.9	5.2	4.9	4.7	4.5	4.3	4.2	4.2	4.3	9 36	6.1	13 0	2.0	†3
4.5	4.6	4.4	4.3	4.3	4.1	4.1	4.1	4.2	4.2	9 12	5.6	12 20	3.0	4
3.9	4.1	4.3	4.3	4.5	4.5	4.7	4.7	4.7	4.3	9 20	6.7	12 40	1.7	5
4.6	4.5	4.4	4.3	4.2	4.3	4.3	4.3	4.3	4.4	8 40	5.6	13 0	3.3	6
4.5	4.8	4.5	4.4	4.3	4.1	4.1	4.2	4.1	4.0	16 20	5.0	13 0	3.0	7
4.9	5.0	4.5	4.2	4.1	3.9	3.9	3.8	3.9	4.6	9 14	6.9	5 0	3.6	†8
4.2	4.3	4.3	3.9	3.8	4.2	4.5	4.7	4.7	4.3	9 24	6.1	5 4	3.4	9
4.4	4.3	4.2	4.0	4.1	4.3	4.1	4.3	4.2	4.3	9 40	5.4	4 40	3.5	10
4.3	4.0	3.7	3.9	3.8	3.7	3.8	4.1	4.1	3.9	9 8	4.3	4 52	3.1	11
4.2	4.1	3.9	4.0	4.0	3.9	3.8	3.8	3.9	4.0	8 20	5.1	13 0	3.0	12
3.8	4.2	4.3	4.1	3.9	3.8	3.7	3.7	3.9	4.0	8 40	5.1	12 40	2.8	13
3.9	3.8	3.6	3.9	3.7	3.7	3.8	3.8	3.9	4.1	9 16	6.1	13 20	2.7	14
3.9	4.9	4.8	4.3	4.5	4.2	4.0	4.3	4.4	4.3	10 40	6.3	5 0	3.4	15
3.7	3.5	3.5	3.9	3.9	4.1	4.0	3.9	4.0	4.3	9 8	6.4	13 20	3.1	16
4.5	4.6	4.3	4.2	4.1	4.2	4.1	4.3	4.4	4.3	9 36	6.0	5 20	3.2	17
3.3	3.7	3.8	3.9	4.0	4.1	4.1	4.1	4.2	4.1	9 8	5.1	14 0	2.6	†18
3.7	3.8	3.3	3.6	3.7	3.9	3.9	4.1	4.3	4.0	9 12	6.2	13 20	2.7	19
3.9	4.3	4.1	4.0	3.9	3.9	4.1	4.2	4.3	4.2	9 12	5.6	13 0	2.5	20
4.7	5.0	4.5	3.9	3.8	3.8	4.0	4.1	4.1	4.3	9 24	5.7	13 0	2.9	21
3.9	4.2	4.2	4.3	4.2	4.1	4.1	4.2	4.3	4.3	9 12	6.7	12 40	2.5	22
4.4	5.1	5.0	4.7	4.4	4.2	4.3	4.2	4.2	4.6	9 30	7.2	12 40	2.5	23
3.8	4.1	4.3	4.0	3.9	4.0	4.1	4.4	4.3	4.3	9 8	6.9	13 20	2.5	24
4.2	4.4	4.3	4.1	3.9	4.0	4.3	4.3	4.4	4.6	9 12	7.6	13 8	3.2	25
3.3	3.5	3.9	4.0	4.0	3.9	4.1	4.1	4.2	4.3	9 12	6.7	14 20	3.2	26
3.2	3.9	4.4	4.2	4.3	4.7	4.6	4.5	4.5	4.1	9 12	5.6	13 40	2.5	27
4.2	4.2	3.9	4.1	3.9	3.9	4.1	4.2	4.3	4.4	9 8	6.1	13 20	3.5	†28
4.0	4.4	4.1	3.8	3.7	4.1	4.5	4.7	4.9	4.3	10 0	5.6	13 0	3.0	29
4.9	4.7	4.2	3.9	3.9	4.0	4.0	3.9	4.0	4.6	9 8	6.8	6 4	3.7	30
4.5	4.7	4.6	4.1	3.9	3.9	3.9	3.9	3.9	4.4	9 12	6.8	12 20	2.9	†31
4.1	4.3	4.3	4.1	4.1	4.1	4.1	4.2	4.2	4.3					Mean.
4.3	4.5	4.4	4.2	4.1	4.1	4.0	4.0	4.1	4.3					Mean†.

APRIL.

4.1	4.2	4.5	4.5	4.1	4.0	4.3	4.3	4.2	4.2	8 40	5.9	12 20	2.6	1
3.5	4.1	3.9	3.2	3.5	3.7	4.1	4.1	4.1	4.0	8 0	5.3	13 32	2.1	2
4.1	4.7	4.3	4.2	4.4	4.9	5.1	5.1	5.5	4.2	23 20	5.5	13 0	2.5	3
3.5	4.3	4.4	4.1	4.0	3.9	4.0	4.1	4.2	4.1	8 0	5.7	12 20	1.4	†4
3.5	3.9	4.0	4.4	4.5	4.4	4.4	4.3	4.3	4.2	9 8	6.9	13 20	1.3	5
3.7	4.1	4.1	4.4	4.1	4.1	4.3	4.4	4.4	4.2	9 8	6.3	12 40	1.3	6
3.7	3.9	3.9	4.1	4.0	4.1	4.3	4.3	4.4	4.3	9 8	6.7	12 20	1.8	7
4.0	4.3	4.1	3.8	3.7	3.7	3.9	4.1	4.2	4.2	9 12	5.8	12 40	2.0	8
3.1	3.9	4.1	3.9	3.7	3.7	3.8	3.8	4.3	4.0	8 0	5.5	13 20	2.3	9
3.5	4.5	4.4	4.1	3.6	3.9	4.0	4.0	4.1	4.1	8 40	5.7	13 12	2.8	10
3.8	4.9	4.6	3.9	3.7	3.8	3.9	4.1	4.2	4.1	9 8	5.9	13 40	1.8	11
3.5	4.9	5.0	4.5	4.2	3.9	4.1	4.3	4.6	4.3	8 20	7.5	12 20	1.2	12
4.4	4.8	4.5	4.2	3.9	3.9	4.0	4.1	4.2	4.1	8 10	5.4	11 40	1.8	13
2.8	3.8	4.2	4.4	4.2	4.0	4.1	4.1	4.1	3.7	7 26	5.8	13 0	0.8	14
2.9	3.6	4.1	4.0	3.7	3.8	4.1	4.4	4.8	3.9	8 20	6.3	12 20	1.0	15
5.1	5.1	4.5	4.2	3.8	3.9	3.9	4.1	4.2	4.2	7 24	6.3	12 0	0.6	16
4.6	4.7	4.2	3.7	3.7	3.9	3.9	4.2	4.3	4.3	7 40	6.0	12 20	2.4	†17
3.8	4.0	3.7	3.6	3.8	3.9	4.2	4.3	4.4	4.1	7 20	6.5	12 0	2.1	18
4.2	4.4	4.1	3.8	3.7	3.8	4.0	4.1	4.1	4.2	8 0	5.5	12 16	2.7	†19
2.7	3.9	4.1	3.5	3.7	4.0	4.6	4.9	4.9	3.7	7 0	5.8	12 20	0.3	20
4.0	4.3	4.2	4.0	3.8	3.7	4.0	4.2	4.3	4.3	7 16	6.5	12 20	2.1	21
3.4	4.5	4.6	3.8	3.6	3.8	3.9	4.0	4.3	3.8	7 10	5.6	12 40	0.7	22
2.7	3.8	4.2	4.2	4.0	3.8	3.8	3.9	4.0	3.5	7 0	5.6	13 20	0.9	23
4.5	5.5	5.4	4.3	3.8	3.9	3.8	3.9	3.9	4.3	8 0	6.5	13 0	2.4	†24
4.0	4.8	4.8	3.9	3.5	3.4	3.5	3.6	3.7	4.1	8 20	6.6	12 40	2.5	†25
4.3	4.9	4.7	4.1	4.1	4.1	3.8	3.8	4.6	4.0	7 40	5.9	12 40	2.2	26
3.7	4.1	4.1	4.0	3.7	3.7	3.9	4.8	4.5	4.2	8 0	6.7	12 40	1.9	27
4.4	4.8	4.4	4.2	4.0	3.9	4.1	4.3	4.4	4.1	7 20	5.7	12 20	2.1	28
2.9	3.4	3.7	3.6	3.5	3.7	4.0	4.1	4.2	3.9	7 0	5.4	13 0	1.8	29
4.4	4.7	4.4	4.1	3.8	3.7	3.8	4.0	4.1	4.1	9 0	5.7	12 36	1.7	30
3.8	4.4	4.3	4.0	3.9	3.9	4.1	4.2	4.3	4.1					Mean.
4.2	4.7	4.6	4.0	3.7	3.8	3.8	4.0	4.0	4.2					Mean†.

*See footnote on page 89.

†Five international quiet days.

DECLINATION (EASTERLY†), 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY.

0° PLUS TABULAR QU NTITIES.

Date.	Hours.‡														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	4.2	4.2	4.1	3.9	3.9	4.3	5.3	5.9	5.1	4.1	3.2	2.3	1.9	2.0	2.9
2†	3.9	4.0	3.9	3.9	4.0	4.3	4.7	4.1	3.6	2.6	1.1	0.7	1.0	1.5	2.2
3	3.7	3.8	3.9	3.9	3.9	4.5	5.7	6.3	5.9	4.5	3.1	2.6	2.3	2.6	3.7
4	3.9	4.0	4.0	4.1	4.3	5.2	5.8	6.0	4.5	3.1	2.3	2.4	1.6	2.3	3.0
5	4.9	4.7	5.1	5.0	5.3	6.3	7.3	6.4	5.3	4.1	2.9	2.3	2.5	2.5	3.2
6	4.3	4.4	4.6	4.5	4.5	5.0	5.9	6.0	5.6	4.4	3.2	2.9	2.7	2.9	3.5
7	4.3	4.4	4.5	4.5	4.5	5.1	6.2	6.8	7.1	5.5	4.0	2.6	2.3	2.9	3.5
8	4.2	4.4	4.3	4.2	4.0	4.4	5.0	5.5	5.4	3.8	2.3	1.7	1.7	2.5	3.6
9	4.7	4.6	4.7	4.7	4.8	5.4	6.5	6.5	5.9	4.6	3.1	1.8	1.8	2.3	3.1
10	4.5	4.6	4.6	4.5	4.4	5.1	6.2	6.6	6.2	4.7	2.6	1.0	0.6	1.0	2.0
11	4.2	4.2	4.2	4.3	4.3	4.6	5.5	5.7	5.2	3.8	1.6	0.6	0.6	2.0	3.0
12†	4.0	4.1	4.0	3.9	4.1	4.3	5.2	6.0	6.0	4.5	2.9	2.0	1.6	1.7	2.6
13	4.2	4.1	4.2	4.1	4.1	4.3	5.2	5.9	5.5	5.1	4.3	3.0	2.4	2.6	2.9
14†	4.1	4.3	4.2	4.1	4.2	4.6	5.2	5.5	5.1	4.3	3.5	2.5	2.2	3.1	3.5
15†	3.7	3.7	3.8	3.9	4.2	4.5	5.0	4.5	4.0	3.4	2.6	1.9	1.4	2.1	2.8
16†	4.0	4.0	4.0	4.0	4.2	4.5	5.2	5.7	5.7	5.2	4.8	4.3	3.8	3.7	3.7
17	4.2	4.1	4.1	4.0	4.1	4.4	4.8	4.7	4.2	3.3	2.3	1.3	1.1	1.9	2.9
18	3.8	3.8	4.0	4.0	4.1	4.3	4.5	4.6	3.8	3.5	2.6	1.5	1.0	1.9	2.7
19	3.8	3.1	3.8	3.7	3.9	4.8	5.5	5.3	5.2	4.8	3.4	2.4	2.4	2.9	4.0
20	4.7	4.7	4.7	4.5	4.6	5.1	5.9	6.1	5.2	3.8	2.5	1.7	1.0	1.8	2.9
21	4.3	4.3	4.2	4.4	4.5	5.3	6.4	6.9	6.2	4.1	2.1	1.2	1.0	1.5	2.8
22	3.7	3.7	4.1	4.2	4.2	4.9	5.8	6.2	5.5	4.1	2.7	1.7	1.0	1.5	2.7
23	4.3	4.3	4.4	4.3	4.3	5.5	6.7	7.3	6.7	4.2	2.2	1.3	0.8	1.3	2.5
24	4.3	4.1	4.1	3.9	4.1	5.0	7.0	7.9	7.3	5.8	3.5	1.8	0.1	0.4	1.3
25	4.1	4.2	4.3	4.0	4.1	4.8	6.0	6.4	5.5	4.1	2.8	1.7	1.2	1.7	2.8
26	3.8	3.9	4.0	4.0	4.1	4.8	6.3	6.8	6.5	5.5	4.4	3.5	2.6	2.5	3.1
27	4.1	4.4	4.4	4.3	4.4	5.5	6.6	6.6	5.9	4.7	3.3	2.2	2.2	3.0	3.4
28	3.8	4.0	4.2	4.4	4.1	4.3	5.7	6.7	6.3	4.0	2.8	2.3	2.1	2.2	2.6
29	4.3	4.2	4.3	4.3	4.1	4.3	5.3	6.0	6.2	5.1	3.5	2.2	1.7	2.0	2.8
30	4.1	4.4	4.5	4.4	4.5	4.7	5.1	5.6	5.2	4.2	2.3	0.9	0.5	0.9	1.9
31	4.8	4.8	4.8	4.6	4.6	3.9	4.5	5.5	5.9	5.6	5.1	3.4	2.2	2.0	2.2
Mean . .	4.1	4.2	4.3	4.2	4.3	4.8	5.7	6.0	5.5	4.3	3.0	2.1	1.7	2.1	2.9
Mean† . .	3.9	4.0	3.9	4.0	4.1	4.4	5.1	5.1	4.9	4.0	3.0	2.3	2.0	2.4	3.0

JUNE.

1	4.2	4.3	4.2	4.3	4.5	4.9	6.2	7.2	6.8	5.5	3.7	2.1	1.2	1.1	1.7
2	4.3	4.4	4.4	4.2	4.2	5.3	6.7	7.1	6.3	4.4	3.0	2.0	1.7	1.4	2.0
3	4.4	4.4	4.3	4.1	4.1	4.8	5.9	6.1	5.1	4.4	3.3	2.3	1.4	2.0	2.9
4	4.1	4.3	4.6	4.4	4.5	5.5	6.5	6.5	5.5	3.5	2.0	1.1	0.5	1.6	2.7
5	3.9	4.0	4.2	4.3	4.3	5.3	6.7	6.8	6.2	4.5	3.3	2.4	1.7	1.9	2.8
6	3.7	3.7	3.7	3.9	4.1	4.9	5.7	6.3	5.8	3.8	2.7	2.2	1.8	2.1	3.1
7	4.3	4.1	4.4	4.5	4.7	6.1	7.2	6.8	5.1	3.3	2.0	1.3	1.1	1.5	2.2
8†	3.9	3.8	3.8	3.8	3.9	5.3	6.6	6.6	5.9	4.4	2.8	1.8	1.4	1.5	2.1
9†	4.0	4.1	4.1	4.0	4.0	4.7	6.1	6.8	6.5	4.5	2.1	1.0	0.6	1.9	2.8
10	4.1	4.2	4.1	3.9	3.9	4.7	5.9	6.2	5.7	4.6	3.5	2.1	0.1	0.2	0.8
11	4.0	4.0	3.9	3.8	4.0	4.6	5.6	5.1	6.0	3.9	1.8	0.9	0.1	0.7	2.0
12	4.0	4.1	4.2	4.2	3.5	4.4	5.4	6.3	6.1	5.1	3.8	1.9	0.6	1.1	2.4
13	3.9	3.9	4.0	4.1	4.2	5.0	5.9	6.7	6.0	3.7	2.0	1.4	1.4	1.3	2.1
14	4.0	3.9	4.1	4.2	4.5	5.4	6.2	6.4	6.0	4.9	3.8	2.7	2.2	2.9	3.3
15	4.1	4.2	4.4	4.5	4.5	5.0	5.7	5.8	5.1	4.1	3.8	3.0	2.1	2.7	3.2
16	3.9	4.1	4.3	4.3	4.2	5.0	5.7	5.9	5.0	3.9	3.1	2.4	1.7	2.3	3.1
17	4.3	4.6	4.7	5.0	5.0	5.4	6.1	7.0	6.2	4.4	3.2	2.5	1.9	1.7	2.5
18	4.1	4.2	4.3	4.3	4.3	5.1	6.7	7.5	7.1	5.7	4.2	3.2	2.3	2.1	2.4
19†	3.9	3.9	3.9	3.9	4.3	5.0	5.7	6.5	5.9	4.0	2.4	1.4	0.9	1.1	2.0
20†	3.9	3.9	4.0	4.1	4.0	4.6	5.6	6.1	6.2	5.1	2.9	1.1	0.8	0.8	1.4
21†	4.1	4.2	4.1	4.1	4.1	4.7	5.7	6.2	5.9	4.7	3.7	1.9	1.2	1.0	2.4
22	3.7	3.8	3.8	3.8	3.8	4.7	6.2	7.2	7.2	5.9	4.3	1.9	0.5	0.5	1.0
23	3.6	3.8	3.7	3.7	3.8	4.4	5.7	6.3	5.6	4.1	2.8	0.7	0.1	0.5	0.9
24	3.7	3.8	3.9	3.9	4.2	4.9	6.0	5.6	4.9	3.9	3.2	2.3	2.4	2.5	2.5
25	4.6	4.7	4.2	4.5	5.3	5.4	6.4	6.8	6.1	4.7	3.5	2.7	2.3	1.9	2.1
26	4.0	4.2	4.3	4.3	4.6	5.0	5.9	6.4	6.3	5.4	4.7	3.5	2.3	2.2	2.7
27	4.1	4.1	4.0	4.2	4.2	4.9	5.8	6.3	5.5	4.2	2.6	1.4	0.6	0.5	0.9
28	4.8	5.0	5.4	5.1	5.0	5.7	7.0	6.3	5.5	4.6	4.3	3.2	2.7	2.1	1.5
29	4.2	4.4	4.3	4.8	4.9	5.6	6.4	6.8	6.6	4.3	3.1	2.0	1.3	0.9	1.2
30	4.0	4.0	4.0	4.1	4.3	4.9	5.5	5.7	5.0	3.8	3.0	2.7	1.7	0.8	1.0
Mean . .	4.1	4.1	4.2	4.2	4.3	5.0	6.1	6.5	5.9	4.5	3.2	2.0	1.3	1.5	2.1
Mean† . .	4.0	4.0	4.0	4.0	4.1	4.9	6.0	6.5	6.1	4.5	2.8	1.4	1.0	1.3	2.1

†Five international quiet days.

‡Minus sign in this table indicates westerly declination.

DECLINATION (EASTERLY†), 1925.

93

(Averages for periods of sixty minutes from full hour to full hour of local mean time).

MAY.

0° PLUS TABULAR QUANTITIES.

Hours.‡									Mean.*	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
										H. M.		H. M.		
4.0	4.4	4.3	4.1	3.7	3.6	3.6	3.8	3.9	3.9	7 20	6.1	12 40	1.6	1
3.1	3.7	4.0	3.5	3.4	3.4	3.5	3.6	3.7	3.2	6 20	4.9	11 40	0.6	2
4.2	4.1	3.9	3.4	3.3	3.2	3.3	3.6	3.6	3.9	7 20	6.3	12 16	2.2	3
3.2	3.9	3.6	3.6	4.4	5.1	4.4	4.3	4.6	3.9	7 4	6.5	12 20	1.2	4
4.3	4.3	4.1	4.1	4.0	3.9	3.8	3.8	4.1	4.3	6 24	7.4	11 8	2.1	5
4.3	4.6	4.5	4.1	3.9	3.9	4.1	4.1	4.2	4.3	7 0	6.0	12 56	2.6	6†
4.1	4.7	4.6	4.0	3.7	3.9	3.9	4.1	4.2	4.4	8 0	7.4	12 0	1.8	7†
4.4	4.9	4.9	4.1	3.6	3.7	3.8	4.0	4.4	3.9	8 0	5.6	11 40	1.6	8
4.0	4.5	4.4	4.3	4.0	4.1	4.2	4.4	4.3	4.3	7 40	6.5	11 40	1.7	9
3.1	4.3	4.3	4.0	4.0	3.9	4.0	3.9	4.1	3.9	7 20	6.7	12 20	0.5	10
3.9	4.5	4.8	4.2	3.9	3.9	3.9	4.1	4.1	3.8	7 0	6.1	11 56	0.3	11
3.5	4.2	4.5	4.2	3.9	3.8	4.0	4.0	4.1	3.9	8 0	6.1	12 40	1.4	12
3.6	4.5	4.6	4.5	4.2	4.1	4.0	4.0	4.1	4.1	7 40	6.1	13 0	1.9	13
3.8	4.2	4.1	4.0	3.8	3.6	3.5	3.6	3.7	3.9	7 0	5.6	12 28	2.0	14†
3.5	4.0	3.9	3.4	3.5	3.5	3.6	3.8	4.0	3.5	6 20	5.1	12 20	1.3	15
4.2	4.4	4.5	4.0	3.5	3.5	3.7	3.8	4.1	4.3	7 40	6.0	13 20	3.0	16
3.6	3.9	3.6	3.3	3.3	3.3	3.3	3.5	3.7	3.5	7 20	4.9	12 0	0.9	17
3.4	3.7	4.1	4.3	4.0	3.8	3.8	3.8	3.9	3.5	7 20	4.8	12 0	1.0	18†
4.4	4.6	4.8	4.3	3.9	3.8	4.0	4.3	4.5	4.1	6 20	5.5	12 0	2.0	19
3.7	4.1	3.8	3.4	3.2	3.3	3.5	3.7	4.1	3.8	7 0	6.3	12 20	0.5	20
4.2	4.8	4.8	3.9	3.5	3.5	3.6	3.6	3.7	3.9	7 40	6.9	12 0	0.9	21
3.6	4.1	4.6	4.5	4.0	4.0	4.0	4.2	4.3	3.9	7 20	6.3	12 40	0.9	22
3.7	4.2	4.0	3.3	3.1	3.1	3.4	3.5	4.0	3.8	7 20	7.5	12 40	0.5	23
2.7	3.5	4.1	4.0	3.5	3.5	3.6	3.7	4.0	3.9	7 40	8.2	12 40	0.0	24
3.7	4.5	4.8	4.4	4.0	3.8	3.7	3.7	3.8	3.9	7 0	6.5	12 40	1.2	25
3.9	4.2	4.5	4.0	3.5	3.3	3.5	3.7	3.9	4.2	7 0	6.9	13 0	2.4	26
4.0	4.4	4.6	4.2	3.8	3.7	3.8	4.3	3.7	4.2	6 20	6.7	12 0	2.1	27
3.1	3.6	3.9	3.6	3.7	3.8	4.0	4.2	4.2	3.9	8 0	7.2	11 0	2.0	28
3.5	3.7	3.8	3.8	3.6	3.5	3.5	3.7	3.8	3.9	8 0	6.3	12 0	1.5	29
2.7	3.1	3.8	3.3	3.1	3.4	3.9	4.5	4.6	3.6	7 20	5.9	11 40	0.0	30
2.9	3.5	3.8	3.8	3.6	3.9	4.1	4.1	4.1	4.1	8 12	5.9	13 54	1.3	31†
3.7	4.2	4.3	3.9	3.7	3.7	3.8	3.9	4.0	3.9					Mean
3.6	4.1	4.2	3.8	3.6	3.6	3.7	3.8	3.9	3.8					Mean†

JUNE.

2.5	2.9	3.3	3.4	3.7	3.7	3.9	4.2	4.5	3.9	7 32	7.3	13 0	0.7	1
3.0	3.4	3.8	3.6	3.3	3.2	3.5	3.9	4.1	3.9	7 4	7.3	13 0	1.1	2
3.7	3.9	4.1	3.8	3.6	3.9	3.8	3.8	4.2	3.9	7 20	6.1	12 0	1.4	3
3.8	4.5	4.3	4.0	3.7	3.6	3.6	3.8	3.8	3.8	6 56	6.7	12 20	0.4	4
3.2	3.8	3.9	3.8	3.5	3.5	3.5	3.5	3.6	3.9	7 0	7.0	12 40	1.3	5
3.3	3.8	3.6	3.5	4.0	4.0	3.9	3.8	4.0	3.8	7 20	6.4	12 40	1.3	6
3.0	3.5	3.6	3.4	3.4	3.5	3.6	3.8	4.0	3.7	6 20	7.2	12 0	0.9	7
2.7	3.2	3.9	3.6	3.3	3.4	3.7	3.9	3.9	3.7	7 20	7.0	12 20	1.2	8†
3.5	3.9	3.7	3.4	3.3	3.4	3.5	3.8	4.0	3.7	7 40	6.9	12 20	0.2	9†
2.0	3.2	3.9	3.9	3.5	3.5	3.6	3.7	3.9	3.5	7 0	6.3	13 0	-0.2	10
3.7	4.6	4.5	4.2	3.7	3.7	3.7	3.9	4.0	3.6	7 40	6.1	12 20	-0.1	11
3.1	3.8	4.3	4.0	3.5	3.5	3.7	4.1	4.1	3.8	8 0	6.3	12 20	0.6	12
2.6	2.7	2.9	2.7	3.3	3.4	3.7	3.9	3.9	3.5	7 20	6.9	13 20	1.0	13
3.3	3.3	3.4	3.5	3.4	3.6	3.9	4.1	4.1	4.0	6 46	6.5	12 0	1.9	14
3.9	3.3	3.3	3.3	3.1	3.2	3.3	3.7	3.9	3.9	7 0	5.9	12 0	2.0	15
3.6	3.7	3.7	3.4	3.1	3.3	3.4	3.6	3.7	3.8	7 20	6.4	12 20	1.4	16
2.9	3.5	3.5	3.3	3.3	3.3	3.6	3.9	4.0	4.0	7 40	7.1	12 40	1.6	17
2.9	3.6	3.8	3.7	3.6	3.4	3.5	3.7	3.9	4.1	7 20	7.5	13 10	1.9	18
3.1	3.9	4.0	3.6	3.5	3.5	3.7	3.8	3.9	3.7	7 40	6.7	12 8	0.7	19†
2.1	2.9	3.7	3.7	3.5	3.6	3.8	3.9	4.0	3.6	8 0	6.5	12 0	0.7	20†
3.3	3.8	4.1	3.7	3.3	3.3	3.4	3.5	3.6	3.7	7 40	6.3	13 0	0.9	21†
1.8	2.8	3.1	2.9	2.7	2.7	2.9	3.0	3.4	3.5	8 0	7.3	13 0	-0.1	22
2.3	4.0	4.9	4.2	3.6	3.9	3.6	3.6	3.6	3.5	8 0	6.3	12 0	-0.2	23
2.6	3.3	4.0	4.2	3.2	4.4	3.9	3.9	4.1	3.8	6 20	6.1	11 40	2.0	24
2.5	3.2	3.9	4.2	4.3	4.3	4.0	4.0	4.0	4.1	7 0	6.9	13 20	1.7	25
3.4	3.9	4.2	4.2	3.9	3.8	3.8	4.0	4.1	4.2	7 0	7.1	13 0	1.8	26
1.9	2.6	3.7	3.5	4.0	4.5	4.1	4.1	4.3	3.6	7 0	6.3	13 0	0.5	27
2.1	3.0	3.9	4.0	3.5	3.6	4.1	3.8	3.9	4.1	6 20	7.2	14 40	1.2	28
1.8	2.6	3.0	3.2	3.3	3.5	3.3	3.7	3.9	3.7	7 20	7.1	12 40	0.8	29
2.1	3.3	3.9	3.6	3.4	3.6	3.8	3.8	4.0	3.6	7 0	6.0	13 20	0.5	30
2.9	3.5	3.8	3.7	3.5	3.6	3.7	3.8	3.9	3.8					Mean
2.9	3.5	3.9	3.6	3.4	3.5	3.6	3.8	3.9	3.7					Mean†

*See footnote on page 89.

†Five international quiet days.

‡Minus sign in this table indicates westerly declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time).

JULY.

0° PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	4.2	4.1	4.1	4.1	4.1	4.4	5.8	5.9	5.0	3.5	2.3	1.4	1.2	1.1	1.4
2	4.3	4.0	4.2	4.3	4.2	4.4	5.6	6.2	5.6	3.6	2.3	1.8	1.1	0.8	1.7
3	4.0	4.2	4.3	4.2	4.1	4.6	6.1	6.5	5.3	4.1	3.1	1.9	1.1	1.8	2.6
4	3.7	3.8	4.0	3.9	4.0	4.7	6.0	6.5	5.8	5.2	4.1	2.6	1.3	1.3	2.4
5	3.8	3.9	4.1	4.2	4.1	4.7	6.0	6.3	5.3	3.9	3.2	1.7	1.5	1.1	1.7
6	3.9	4.2	4.3	4.4	4.3	4.9	5.7	6.0	5.0	3.2	2.3	1.6	1.1	1.2	1.9
7	3.7	3.8	3.9	4.0	4.1	4.7	6.4	7.1	6.2	4.5	2.0	0.7	0.8	2.0	2.4
8	3.7	3.8	3.9	3.7	3.7	4.3	5.5	6.4	6.4	4.4	3.1	1.7	0.8	0.9	1.3
9	3.7	3.6	3.8	3.7	3.6	3.7	4.9	5.8	5.7	5.1	3.6	2.0	1.0	0.9	0.7
10	3.5	4.1	4.3	4.3	4.1	4.1	4.9	5.4	5.8	5.2	4.1	3.2	2.3	2.2	2.8
11	3.9	4.5	4.7	4.8	4.1	4.7	5.7	6.0	5.5	4.3	3.0	2.1	1.9	2.4	2.9
12	3.8	4.1	4.2	4.3	4.3	4.5	5.3	5.7	4.8	2.5	1.2	0.4	0.2	1.2	1.7
13†	3.6	3.7	3.8	3.7	3.8	4.4	5.5	6.2	5.9	4.9	3.8	2.5	1.6	1.5	2.0
14	3.7	3.9	3.8	3.9	3.8	4.1	4.9	5.6	5.7	4.7	3.3	1.9	0.8	0.9	1.3
15	3.6	3.5	3.7	3.9	4.4	5.2	5.7	6.0	6.2	4.9	3.6	2.2	1.5	1.2	1.2
16†	3.6	3.7	3.8	3.8	4.1	4.7	5.4	5.5	4.5	3.3	2.8	2.2	2.3	2.7	3.2
17†	3.5	3.6	3.6	3.6	3.9	4.6	5.4	5.8	5.6	4.4	3.0	1.9	2.0	2.4	3.0
18†	3.6	3.7	3.7	3.7	3.8	4.1	4.4	4.5	4.5	3.8	2.7	2.0	1.9	2.0	2.2
19	3.9	3.8	3.8	3.9	3.9	4.2	4.6	4.8	4.6	3.8	2.3	0.7	0.7	0.0	1.0
20†	3.7	3.7	3.8	3.8	3.9	4.4	5.7	5.9	5.3	4.0	2.9	2.1	1.6	1.5	2.3
21	3.4	3.5	3.7	3.5	3.5	4.1	4.7	4.1	3.4	2.0	1.1	0.9	1.0	1.2	1.5
22	3.4	3.6	3.3	3.9	4.1	4.9	6.1	6.2	5.5	4.1	2.5	1.6	1.3	1.8	2.8
23	3.1	3.7	3.7	3.6	3.9	4.4	5.3	5.6	5.2	4.3	2.7	1.6	1.7	1.7	2.1
24	3.5	3.5	3.5	3.5	3.8	4.3	5.1	5.6	5.3	4.1	3.0	2.5	2.4	2.7	3.1
25	3.7	3.8	3.8	3.9	3.8	4.5	5.4	5.6	5.1	3.6	2.4	1.3	0.5	0.6	1.3
26	3.3	3.7	4.0	3.9	4.3	4.5	5.9	6.8	6.5	4.0	2.8	1.0	0.1	0.9	1.2
27	3.8	4.0	3.9	4.1	4.7	4.7	5.3	5.6	5.5	4.3	2.1	0.6	0.2	0.7	1.5
28	3.8	3.9	4.2	4.1	4.0	4.6	6.2	6.8	6.2	4.0	1.7	0.3	0.5	0.1	1.3
29	3.6	3.6	3.9	4.0	3.9	4.7	5.5	5.5	4.8	4.2	3.3	2.4	1.8	1.6	2.0
30	3.1	3.1	3.3	3.4	3.5	3.8	4.3	4.5	4.3	3.6	2.2	1.0	0.7	1.4	2.1
31	4.5	3.4	3.5	3.7	3.8	4.4	5.3	5.6	4.6	2.5	1.3	0.4	0.1	0.6	1.7
Mean	3.7	3.8	3.9	3.9	4.0	4.5	5.4	5.8	5.3	4.0	2.7	1.6	1.1	1.4	1.9
Mean†	3.6	3.7	3.8	3.7	3.9	4.4	5.3	5.6	5.1	4.1	3.1	2.1	1.9	2.0	2.6

AUGUST.

1	3.5	3.5	3.7	3.6	3.7	4.3	4.8	5.2	4.5	3.1	2.3	1.6	1.1	1.6	2.5
2	3.5	3.6	3.6	3.5	3.8	4.5	5.3	5.4	4.7	3.5	1.9	0.7	0.9	2.3	3.4
3	3.4	3.4	3.5	3.6	3.9	4.5	5.8	5.3	3.6	2.7	2.6	1.8	0.8	0.4	1.2
4	3.4	3.7	4.1	4.5	4.8	5.3	6.7	6.4	5.1	3.2	1.7	0.5	0.0	0.1	0.2
5	3.3	3.5	3.5	3.5	3.5	4.3	6.2	6.9	5.8	3.1	1.8	0.7	0.6	0.3	1.2
6	3.1	3.1	3.3	3.4	3.6	4.2	5.6	6.3	5.7	3.9	2.5	0.5	0.3	0.3	0.7
7	3.4	3.5	3.6	3.7	4.1	4.7	5.5	5.7	5.0	3.7	2.8	1.5	0.9	1.1	1.8
8	3.2	3.4	3.7	3.7	4.0	4.8	6.3	7.1	6.1	3.7	2.5	0.6	0.0	0.9	1.7
9	3.4	3.8	3.9	4.0	4.2	4.7	5.8	6.3	5.7	4.3	2.8	1.0	0.4	0.5	0.9
10	3.5	3.5	3.7	3.8	3.9	4.5	5.8	6.6	6.9	5.2	2.7	1.5	0.7	1.2	1.9
11†	3.3	3.4	3.6	3.6	3.7	4.1	5.1	6.1	6.3	5.7	3.9	2.1	1.1	1.6	2.3
12†	3.0	3.1	3.1	3.3	3.5	4.1	5.2	5.6	5.2	3.7	1.7	0.4	0.7	1.6	2.3
13†	3.1	3.1	3.2	3.1	3.3	3.9	4.9	5.4	5.1	3.5	1.5	0.5	0.5	0.9	1.7
14	3.0	3.1	3.2	3.2	3.3	3.7	4.7	5.5	5.3	4.0	0.9	0.9	0.8	0.7	1.5
15†	3.5	3.5	3.8	3.8	4.1	4.5	5.1	5.1	3.8	2.2	0.5	0.7	1.0	0.4	1.4
16	3.2	3.0	3.1	3.3	3.5	4.2	5.4	5.5	5.5	3.7	1.8	0.9	0.9	1.3	1.9
17	2.5	2.5	2.7	2.6	2.9	3.6	4.6	4.9	3.7	2.0	0.2	1.4	0.8	0.3	1.4
18	2.8	2.7	2.8	2.7	3.5	4.1	5.0	5.5	4.8	3.0	1.8	0.6	0.3	0.1	1.3
19	3.1	3.2	3.4	3.2	3.1	3.5	4.5	5.2	4.8	3.8	2.7	1.3	1.1	1.2	1.7
20	3.0	3.1	3.0	3.0	3.0	3.6	5.0	5.9	5.3	3.1	0.8	0.7	1.4	0.2	0.9
21	2.8	3.1	3.1	3.3	3.4	3.9	5.3	6.3	6.3	5.3	3.2	0.9	0.0	0.0	0.9
22	3.1	3.1	3.1	2.8	2.7	3.5	5.7	6.3	4.9	3.0	1.3	0.2	1.3	1.3	0.4
23	2.8	3.1	2.9	3.6	3.0	4.2	4.9	4.9	4.6	3.2	2.3	1.2	1.2	1.5	2.0
24	3.0	3.2	3.3	3.3	3.6	4.4	5.5	5.5	4.9	2.9	0.4	1.2	1.3	0.7	0.8
25	3.3	3.5	3.7	3.8	3.9	4.4	6.1	6.5	5.4	3.5	1.4	0.2	0.5	1.3	2.5
26	3.4	3.5	3.7	3.6	4.1	4.9	6.3	7.4	6.2	3.5	1.9	0.9	0.3	0.5	1.3
27	3.7	3.7	3.7	3.7	4.0	4.5	5.9	7.0	6.8	4.2	1.7	0.5	0.0	0.5	1.5
28†	2.9	2.9	3.2	3.3	3.4	3.9	5.0	5.6	5.2	3.2	0.5	0.8	0.9	0.5	0.5
29	3.5	3.5	3.6	3.6	3.9	4.2	5.1	5.7	4.5	2.1	0.0	1.1	1.6	0.7	0.7
30	3.1	3.3	3.1	3.3	3.4	4.3	5.8	5.8	4.9	3.5	1.5	0.6	0.5	0.8	1.7
31	3.4	3.4	3.4	3.4	3.5	4.1	5.7	6.4	5.7	3.5	1.3	0.3	0.0	0.3	1.0
Mean	3.2	3.3	3.4	3.5	3.6	4.2	5.4	5.9	5.2	3.5	1.8	0.5	0.1	0.5	1.4
Mean†	3.2	3.2	3.4	3.4	3.6	4.1	5.0	5.6	5.1	3.7	1.6	0.3	0.1	0.7	1.7

† Five international quiet days.
‡ Minus sign in this table indicates westerly declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JULY.

0° PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.	
										H. M.		H. M.		
1.9	2.7	3.3	3.8	3.6	3.7	3.6	4.3	4.2	3.5	7 0	6.1	13 0	1.0	1
2.6	3.3	3.7	3.2	3.2	3.4	3.5	3.6	3.7	3.5	7 0	6.4	13 0	0.7	2
2.9	3.5	3.7	3.7	3.5	3.4	3.4	3.6	3.7	3.7	7 8	6.6	12 20	1.1	3
3.3	3.8	3.7	3.2	2.9	3.1	3.3	3.4	3.5	3.7	7 0	6.5	13 0	0.9	4
2.4	3.4	3.7	2.9	2.8	3.0	3.3	3.8	4.0	3.5	7 0	6.5	13 0	0.8	5
2.9	3.6	3.7	3.3	3.2	3.3	3.4	3.5	3.7	3.5	7 0	6.1	13 0	0.9	6
2.6	2.6	3.5	3.7	3.3	3.4	3.4	3.6	3.7	3.6	7 20	7.2	12 0	0.6	7
1.9	2.8	3.6	3.3	2.8	3.0	3.3	3.5	3.6	3.4	8 0	6.6	13 0	0.4	8
1.1	2.3	2.6	2.8	2.3	2.3	2.5	3.8	3.3	3.1	8 0	6.0	14 20	0.7	9
3.0	3.0	3.0	2.9	2.9	2.8	3.0	3.3	3.7	3.7	8 0	5.9	13 0	2.1	10
3.4	3.6	3.6	3.5	3.4	3.4	3.4	3.5	3.7	3.8	7 36	6.1	12 20	1.8	11
1.9	2.3	2.9	3.4	3.2	3.2	3.4	3.4	3.5	3.1	7 24	6.1	12 0	-0.1	12
2.6	2.8	3.3	3.2	3.0	3.0	3.3	3.6	3.6	3.6	8 0	6.2	13 0	1.5	13†
2.1	2.8	3.1	3.0	3.0	3.2	3.3	3.5	3.7	3.3	8 0	5.8	13 0	0.5	14
2.1	3.3	3.5	3.7	3.3	3.1	3.1	3.3	3.4	3.6	7 56	6.3	13 20	1.0	15
3.9	3.9	3.5	3.1	3.0	3.0	3.0	3.2	3.4	3.6	7 0	5.7	11 0	2.0	16†
3.9	3.9	3.5	3.4	3.1	3.1	3.2	3.3	3.5	3.6	7 40	6.1	11 40	1.7	17†
2.4	2.8	3.2	3.1	2.8	2.9	3.2	3.4	3.6	3.3	8 0	4.5	11 4	1.7	18†
2.3	3.1	3.6	3.4	3.1	3.0	3.0	3.2	3.6	3.0	7 20	5.0	13 0	-0.7	19
3.3	3.5	3.5	3.0	3.1	3.0	3.1	3.1	3.3	3.5	7 0	6.1	13 0	1.5	20†
2.3	2.7	3.3	3.3	2.8	3.3	3.7	3.5	3.1	2.9	6 28	4.9	11 0	0.7	21
3.5	3.5	3.3	2.9	2.9	2.9	2.7	3.1	3.3	3.5	7 0	6.2	12 40	1.1	22
3.0	4.0	4.0	3.5	3.1	3.4	3.5	3.5	3.5	3.5	7 0	5.7	11 40	1.6	23
3.9	4.1	4.1	3.3	3.2	3.5	3.2	3.3	3.5	3.7	7 40	5.7	12 20	2.3	24
2.3	3.1	3.8	3.1	2.8	2.9	2.9	3.1	3.3	3.2	7 40	5.7	12 24	0.5	25
2.1	2.7	2.7	2.6	2.1	3.0	2.9	3.1	3.4	3.2	8 16	7.1	12 20	-0.2	26
2.3	3.4	3.9	3.7	3.1	3.2	2.9	3.2	3.4	3.3	7 0	5.9	12 0	0.0	27
2.5	3.3	3.4	3.2	2.8	2.8	3.1	3.1	3.3	3.3	7 40	7.1	12 44	-1.0	28
2.6	2.9	3.0	2.9	2.8	3.1	3.0	3.2	3.1	3.4	7 0	5.6	13 0	1.4	29
2.7	3.4	3.7	3.5	3.1	3.1	3.2	3.4	3.5	3.1	8 0	4.6	12 0	0.6	30
3.0	3.8	3.9	3.4	3.1	3.1	3.1	3.3	3.5	3.1	7 20	5.8	12 0	0.0	31
2.7	3.2	3.5	3.3	3.0	3.1	3.2	3.4	3.5	3.4					Mean.
3.2	3.4	3.4	3.2	3.0	3.0	3.2	3.3	3.5	3.5					Mean.†

AUGUST.

3.4	3.7	4.0	3.8	3.4	3.3	3.1	3.2	3.4	3.3	7 40	5.3	12 20	1.0	1
3.4	3.8	3.9	3.5	3.1	3.2	3.3	3.4	3.3	3.4	7 20	5.5	11 40	0.7	2
2.4	3.1	3.4	2.7	2.4	2.1	2.4	2.8	3.1	3.0	7 0	5.9	12 16	0.1	3
1.7	3.2	3.8	3.8	3.5	3.3	3.3	3.3	3.2	3.3	6 24	7.1	12 40	-0.1	4
2.8	3.9	4.3	3.8	3.1	2.7	2.9	2.9	3.1	3.3	7 20	7.2	13 0	0.3	5
1.8	3.2	3.8	3.3	2.7	2.6	2.9	3.0	3.2	3.0	7 56	6.5	12 40	-0.5	6
3.3	4.9	4.8	4.1	3.5	3.3	3.0	2.7	2.9	3.5	7 0	6.0	12 40	0.9	7
2.9	3.5	3.9	3.5	3.5	3.4	3.0	3.0	3.1	3.4	7 26	7.3	12 0	-0.1	8
2.3	3.1	3.7	3.5	3.2	3.0	3.0	3.0	3.2	3.3	7 20	6.5	12 0	-0.5	9
2.9	3.5	3.7	3.2	3.0	3.1	3.0	3.1	3.1	3.5	7 44	7.1	12 0	0.7	10
3.2	3.8	3.6	3.2	2.9	3.0	2.9	2.9	3.0	3.5	7 48	6.6	12 20	0.9	11†
3.0	3.4	3.6	3.3	3.1	2.9	3.0	3.0	3.1	3.1	7 40	5.8	11 40	0.3	12†
2.7	3.4	3.7	3.1	3.0	2.8	3.0	3.0	3.1	3.0	7 40	5.4	11 40	0.3	13†
2.3	2.9	3.3	2.9	2.8	2.9	3.1	3.1	3.4	2.8	7 40	5.7	11 20	-1.6	14
2.5	3.0	3.4	2.8	2.6	2.6	2.5	2.8	2.9	2.7	7 0	5.6	11 8	-1.5	15†
2.9	3.2	2.6	2.1	1.8	1.8	1.9	2.0	2.3	2.8	6 16	5.6	12 10	0.6	16
3.1	3.7	3.4	2.5	2.6	2.5	2.7	2.9	2.9	2.4	7 20	5.0	11 20	-1.5	17
2.5	3.1	3.7	4.1	3.8	3.1	3.3	2.8	3.0	2.9	7 40	5.6	13 0	-0.4	18
2.8	3.5	3.6	2.9	2.7	2.6	2.6	2.8	3.0	3.0	7 24	5.7	12 40	0.8	19
2.3	3.3	3.5	3.1	3.0	2.7	2.7	2.8	3.0	2.7	7 20	5.9	12 32	-1.5	20
2.8	3.8	3.9	3.5	3.1	2.9	2.8	3.0	3.1	3.2	8 0	6.8	12 28	-0.1	21
1.2	3.1	4.3	3.7	3.2	2.6	2.3	2.5	3.4	2.6	7 20	6.5	12 20	-1.5	22
3.2	3.5	3.6	3.7	3.4	3.0	2.3	2.6	2.7	3.1	7 16	5.7	11 40	1.1	23
2.3	3.0	3.5	3.5	3.1	3.0	3.1	3.2	3.1	2.7	7 0	5.7	12 0	-1.5	24
3.7	3.8	3.5	3.2	2.9	2.7	2.8	2.9	3.2	3.3	7 20	6.7	11 40	0.1	25
1.7	2.2	2.8	2.8	2.9	3.0	3.0	3.3	3.4	3.2	8 0	7.4	12 40	0.0	26
2.4	2.9	3.3	3.0	2.8	3.0	3.1	2.9	2.9	3.2	8 0	7.7	12 20	-0.1	27
2.1	3.2	3.6	2.9	2.6	2.8	2.9	3.1	3.2	2.7	7 40	6.5	12 0	-0.9	28†
2.3	3.2	3.3	2.7	2.1	2.3	2.5	2.9	3.1	2.5	7 28	5.9	12 40	-1.7	29
2.8	3.8	3.5	3.3	3.0	3.0	3.1	3.3	3.3	3.1	7 0	6.1	12 20	0.4	30
2.1	3.2	3.6	3.3	3.2	3.2	3.0	3.0	3.1	3.1	7 20	6.5	12 20	-0.1	31
2.6	3.4	3.6	3.3	3.0	2.9	2.9	2.9	3.1	3.1					Mean.
2.7	3.3	3.6	3.1	2.8	2.8	2.9	3.0	3.1	3.0					Mean.†

*See footnote on page 89.
†Five international quiet days.
‡Minus sign in this table indicates westerly declination.

DECLINATION (EASTERLY†), 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER.

0° PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
1	3.2	3.1	3.2	3.3	3.2	3.3	5.4	6.5	6.1	4.4	2.6	1.5	0.9	1.6	2.8
2	4.2	3.7	4.6	4.5	4.6	5.8	7.5	6.4	5.9	4.0	0.7	-0.9	-1.1	-1.1	-0.1
3	3.3	3.4	3.5	3.6	3.7	4.3	5.8	6.3	5.6	4.1	2.5	1.2	0.7	1.4	2.4
4	3.7	4.0	3.9	3.9	3.9	4.7	6.8	6.7	4.2	1.8	-0.4	-1.5	-1.5	0.1	1.2
5	3.2	3.3	3.2	3.4	3.6	4.1	6.3	7.0	5.5	3.9	-1.6	0.2	0.3	0.8	1.8
6	3.1	3.1	3.4	3.6	3.7	4.5	6.2	6.4	4.6	3.1	1.3	-0.3	-1.1	-0.5	0.7
7	3.1	3.2	3.3	3.3	3.9	4.5	5.0	5.5	4.3	3.1	1.6	0.2	-0.3	-0.0	1.2
8	3.6	3.6	3.8	3.4	3.5	3.9	5.2	5.8	5.2	3.7	2.1	0.9	0.2	0.5	1.0
9	2.9	2.9	3.1	3.3	3.4	3.5	4.3	4.9	4.2	3.2	1.4	0.4	0.0	0.3	1.3
10†	3.4	3.3	3.4	3.3	3.5	4.0	4.9	5.5	4.8	3.8	1.6	0.2	-0.3	0.5	1.9
11†	2.9	2.9	2.9	3.0	3.2	3.5	4.8	5.3	4.8	2.7	0.7	-0.6	-0.6	0.2	1.7
12†	2.8	2.9	2.9	3.0	3.1	3.6	4.6	5.3	4.8	3.2	1.5	0.3	-0.2	0.2	1.1
13	2.8	2.9	3.1	3.0	2.8	3.0	4.1	4.6	4.4	3.3	2.1	0.7	-0.5	0.8	2.0
14	3.0	3.1	3.4	3.1	3.1	3.6	4.9	5.5	4.9	3.1	1.7	1.1	0.9	1.7	2.9
15	3.7	3.7	3.1	2.9	2.6	2.5	4.1	5.1	4.5	3.5	2.3	1.1	1.0	2.2	3.1
16	3.6	3.4	3.2	3.1	3.1	4.3	5.1	5.3	4.3	3.3	2.3	1.1	0.8	1.7	2.9
17	2.9	3.0	2.9	3.2	3.1	3.6	4.6	5.2	5.0	3.3	0.8	-0.8	1.1	0.8	2.3
18	3.0	3.2	3.5	3.4	3.5	3.8	4.9	5.6	5.1	3.7	1.7	0.6	0.3	0.7	2.0
19	2.8	2.7	2.9	3.0	3.1	3.7	4.9	4.9	2.9	1.6	2.0	0.4	0.5	0.8	2.3
20	3.0	3.0	2.9	2.8	3.1	3.7	5.6	6.1	4.7	2.4	0.4	-0.8	-1.7	-0.6	1.3
21	2.7	2.8	2.9	2.9	3.0	3.3	4.6	5.1	4.0	2.9	1.1	0.9	1.2	2.3	3.2
22	3.7	3.7	3.4	3.2	3.3	3.8	4.7	4.7	3.6	1.9	-0.6	-0.9	-0.9	0.8	2.1
23	3.0	3.0	2.8	3.0	3.4	4.0	5.2	5.7	3.7	1.4	-0.2	-1.2	-1.2	0.6	1.3
24	2.8	3.0	2.7	3.0	3.3	3.5	4.7	6.1	5.7	3.9	1.8	1.3	0.6	0.7	1.4
25	3.0	2.9	3.0	3.7	4.2	4.5	5.1	5.3	4.0	2.8	1.4	0.8	1.0	1.2	2.7
26	3.0	3.1	3.2	3.3	3.4	3.7	4.6	5.4	4.7	3.0	1.0	-0.6	-0.8	0.1	1.7
27	3.3	3.2	3.3	3.4	3.1	3.6	4.5	5.3	4.6	2.5	0.3	-1.2	-1.2	-0.1	1.8
28	2.9	2.9	3.1	3.0	3.1	3.6	4.6	5.5	4.0	2.8	1.2	-0.2	-0.3	0.5	2.0
29†	2.9	2.9	2.9	2.9	2.8	3.2	5.5	5.5	5.1	3.9	2.2	1.1	-0.8	1.3	2.5
30†	2.9	2.9	2.9	2.8	2.9	3.0	4.1	4.8	4.5	3.6	2.1	0.3	-0.2	0.4	1.7
Mean	3.1	3.2	3.2	3.2	3.3	3.8	5.1	5.6	4.7	3.1	1.4	0.2	-0.1	0.6	1.9
Mean†	3.0	3.0	3.0	3.0	3.1	3.5	4.8	5.3	4.8	3.5	1.6	0.2	-0.1	0.5	1.8

OCTOBER.

1	2.6	2.5	2.5	2.5	2.6	3.3	4.5	5.7	5.4	2.7	1.2	-0.1	-0.5	0.1	1.0
2†	2.6	2.9	2.8	2.8	2.9	3.4	4.3	5.2	5.1	3.9	1.7	0.5	-0.6	0.3	1.4
3†	2.8	2.8	2.8	2.9	3.0	3.4	4.7	5.1	4.1	2.9	1.7	0.6	-0.2	0.4	1.9
4	2.9	3.0	3.2	3.3	3.6	3.9	5.3	5.6	5.7	4.7	2.9	1.3	0.3	0.3	1.6
5	3.2	3.5	2.6	3.2	2.9	3.0	3.6	4.5	4.4	3.5	2.5	1.7	0.5	1.0	2.9
6	2.9	3.1	3.1	3.2	3.0	3.2	3.9	4.9	5.5	4.3	3.0	1.5	0.7	1.7	3.0
7	2.7	2.7	2.8	2.6	2.6	2.6	2.9	3.3	2.9	2.0	1.1	0.3	0.1	0.7	2.0
8	2.7	2.7	2.7	2.7	2.9	3.0	3.7	4.8	4.5	2.9	1.1	-0.3	-0.9	-0.4	1.0
9	2.4	3.2	3.6	4.0	2.9	2.4	2.8	3.4	4.3	4.2	2.9	2.1	1.3	1.9	2.3
10	3.5	3.7	3.7	4.2	3.6	3.6	3.7	3.9	3.9	3.4	1.5	0.2	0.4	1.5	2.7
11	2.8	2.8	2.9	2.7	2.9	3.0	2.9	3.2	3.2	2.6	2.1	0.7	1.2	1.6	2.5
12	3.2	2.9	2.7	2.9	2.9	2.6	2.9	3.2	3.4	2.4	1.8	1.6	1.4	1.6	2.5
13	3.2	3.1	2.9	2.8	2.9	2.7	3.6	4.4	4.2	2.9	1.9	0.6	0.8	1.7	2.0
14	3.5	3.3	2.9	2.7	2.5	2.5	3.1	4.2	4.9	4.1	2.9	1.6	0.9	1.8	2.8
15	2.9	2.9	2.7	2.5	2.5	2.3	2.7	3.2	3.1	2.1	1.3	0.2	-0.1	1.0	1.1
16	3.4	3.0	2.4	2.5	2.5	2.3	3.3	4.0	4.1	3.0	2.4	1.5	1.4	1.5	2.1
17	2.7	2.5	2.6	2.5	2.1	1.9	3.0	3.7	3.5	3.1	1.7	0.4	-0.7	-0.3	1.1
18†	2.6	2.6	2.7	2.3	2.6	2.7	3.1	3.5	3.3	2.8	1.4	-0.1	-0.8	0.0	1.4
19	2.6	2.5	2.5	2.4	2.3	2.3	2.8	3.5	3.7	3.1	2.2	1.0	0.8	1.2	2.4
20	2.8	2.8	2.7	2.5	2.3	2.2	2.5	3.1	3.5	3.5	3.3	2.5	2.2	2.1	2.5
21	2.6	2.6	2.7	2.4	2.4	2.1	2.3	2.8	2.6	1.6	0.6	-0.1	0.4	1.7	2.2
22	4.2	3.8	3.1	3.8	3.6	3.3	3.5	4.3	4.5	4.0	2.9	1.8	1.3	1.1	1.8
23	3.7	3.7	3.3	3.2	3.0	2.9	3.5	4.2	4.2	3.1	1.3	0.1	0.5	1.4	2.2
24	4.6	5.0	5.5	4.6	3.8	3.3	3.0	3.8	3.3	2.8	1.2	0.3	1.1	3.1	3.7
25	3.0	3.0	2.9	3.0	2.9	2.9	3.3	4.4	4.4	3.7	1.7	-0.0	0.5	2.2	2.9
26	3.2	3.1	2.9	2.9	2.5	2.8	3.1	4.1	4.7	3.6	2.0	1.2	1.3	2.5	2.6
27	2.7	2.6	2.5	2.3	2.3	2.2	2.0	2.9	3.7	3.5	2.4	2.0	2.2	2.9	3.3
28	2.6	2.8	3.1	3.1	3.3	2.8	2.7	3.5	4.2	3.7	2.4	2.2	2.4	2.5	2.1
29†	2.7	2.6	2.7	2.6	2.4	2.2	2.3	3.2	3.9	4.1	3.6	2.5	2.1	1.9	2.1
30†	2.9	2.7	2.6	2.3	2.2	1.8	1.6	1.8	2.3	2.4	2.1	1.3	0.9	1.3	2.2
31	2.6	2.5	2.3	2.2	2.0	1.9	2.3	3.1	3.4	2.7	1.7	1.0	1.3	1.8	1.8
Mean	3.0	3.0	2.9	2.9	2.8	2.7	3.2	3.9	4.0	3.2	2.0	1.0	0.7	1.4	2.2
Mean†	2.7	2.7	2.7	2.6	2.6	2.7	3.2	3.7	3.7	3.2	2.1	0.9	0.3	0.8	1.8

† Five international quiet days.
‡ Minus sign in this table indicates westerly declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER.

0° PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
										H. M.		H. M.		
3.9	4.4	4.1	3.1	2.9	2.7	2.8	2.8	2.8	3.4	7 40	6.6	12 20	0.8	1
2.0	3.5	3.8	3.4	3.1	3.0	3.0	3.2	3.3	3.2	6 20	7.6	13 24	-1.3	2
3.3	3.9	4.3	3.4	2.7	2.9	3.0	3.5	3.5	3.4	7 40	6.5	12 20	0.4	3
2.5	3.4	3.7	3.4	2.7	3.0	3.1	3.1	3.1	2.9	7 0	7.5	12 0	-2.0	4
3.4	4.0	4.1	3.2	2.7	2.7	2.8	3.1	3.2	3.2	7 20	7.1	11 36	-0.3	5
1.9	3.1	3.7	3.3	3.0	2.6	2.8	2.8	3.0	2.8	7 0	6.4	12 20	-1.3	6
2.2	2.7	3.6	3.9	4.0	4.2	4.4	4.2	3.6	3.1	7 20	5.6	12 40	-0.8	7
2.0	2.7	3.1	3.1	2.8	2.5	2.6	2.7	2.9	2.9	7 20	6.5	12 24	0.1	8
2.5	3.3	3.6	3.8	3.6	3.3	3.1	3.3	3.5	2.9	7 20	5.7	12 0	-0.1	9
3.1	3.5	3.6	3.0	2.7	2.8	2.8	2.8	3.0	2.9	7 40	5.6	12 20	-0.4	10†
3.2	3.7	3.7	3.1	2.8	2.8	2.8	2.7	2.8	2.7	7 20	5.5	12 20	-0.9	11†
2.2	3.0	3.1	2.7	2.5	2.5	2.5	2.5	2.7	2.6	7 40	5.3	12 32	-0.2	12†
2.9	3.7	3.5	2.8	2.7	2.8	2.9	3.0	3.0	2.8	8 0	4.7	12 0	0.5	13
3.1	3.4	3.1	3.1	2.5	3.3	3.8	3.1	3.5	3.1	7 24	5.6	12 0	0.9	14
4.4	4.3	3.9	4.1	3.6	3.4	3.4	3.7	3.9	3.3	7 20	5.4	12 0	0.7	15
5.0	5.6	3.8	3.4	3.2	2.8	3.1	2.8	2.9	3.3	16 16	6.1	12 20	0.5	16
3.7	4.6	4.5	3.5	3.4	3.1	3.0	3.0	3.1	2.9	7 44	6.0	12 20	-1.2	17
3.3	4.2	3.3	2.7	2.9	2.7	2.8	2.9	2.9	3.0	7 40	5.7	12 0	0.2	18
3.5	4.0	3.5	3.0	2.8	2.7	2.9	2.9	2.9	2.8	7 20	5.3	12 0	0.2	19
2.5	3.0	2.7	2.5	2.2	2.3	2.4	2.6	2.6	2.5	7 40	6.2	12 40	-2.1	20
3.4	3.3	3.3	2.7	2.9	2.9	3.1	3.2	3.3	2.9	7 40	6.3	11 56	-0.6	21
3.0	3.4	3.5	3.4	3.5	3.0	2.9	2.9	3.0	2.8	7 20	5.0	12 0	-1.3	22
3.0	4.0	3.8	3.0	2.8	2.5	2.6	2.7	2.8	2.5	7 20	6.0	12 0	-1.3	23
2.4	3.3	3.3	3.7	3.3	3.6	3.5	3.5	3.7	3.1	8 8	7.1	12 52	-0.2	24
3.6	3.7	3.2	3.2	3.1	3.1	2.9	2.8	3.0	3.1	7 20	5.8	12 0	0.1	25
3.0	3.2	2.8	2.6	2.7	2.7	2.8	2.8	3.0	2.7	7 40	5.6	12 0	-1.0	26
3.3	3.8	3.3	2.8	2.8	2.8	2.8	2.8	2.9	2.7	7 0	5.4	11 0	-1.3	27
3.3	3.6	3.0	2.4	2.5	2.6	2.6	2.7	2.8	2.7	7 20	6.0	12 0	-0.7	28
3.4	3.7	3.1	2.9	2.6	2.7	2.8	2.7	2.8	3.0	7 40	6.5	12 0	0.7	29†
2.9	3.6	3.3	2.9	2.7	2.5	2.6	2.7	2.7	2.7	7 40	4.9	12 0	-0.3	30†
3.1	3.7	3.5	3.1	2.9	2.9	3.0	3.0	3.1	2.9					Mean.
2.9	3.5	3.4	2.9	2.7	2.7	2.7	2.7	2.8	2.8					Mean.†

OCTOBER.

1.6	2.4	2.5	2.3	2.3	2.2	2.5	2.6	2.7	2.4	8 0	6.0	12 10	-0.8	1
2.7	3.6	3.3	2.8	2.7	2.7	2.7	2.7	2.8	2.7	8 0	5.5	12 16	-0.6	2†
3.2	3.9	3.3	2.8	2.9	2.8	2.8	2.8	2.7	2.7	7 20	5.1	12 40	-0.7	3†
2.8	3.1	2.8	2.4	2.3	2.3	2.5	2.7	2.8	3.0	7 0	6.3	12 0	-0.2	4
4.3	4.1	3.5	3.4	3.3	3.2	2.8	2.9	2.9	3.1	7 40	4.6	12 40	0.2	5
3.9	3.3	2.7	2.2	2.3	2.3	2.4	2.5	2.6	3.0	8 10	5.5	12 40	0.4	6
2.7	2.7	2.4	2.5	2.5	2.5	2.5	2.5	2.7	2.3	7 40	3.5	11 20	0.1	7
2.2	2.5	2.4	2.2	2.1	2.1	2.2	2.2	2.1	2.2	7 40	5.0	12 20	-1.2	8
3.3	3.8	3.0	2.6	2.8	2.6	3.1	3.4	3.3	3.0	8 20	4.5	12 30	1.2	9
3.1	3.4	3.6	3.2	3.1	2.9	2.9	2.8	3.0	3.0	3 30	4.3	11 32	0.1	10
3.7	3.6	3.0	3.3	3.0	2.9	3.3	3.9	3.3	2.8	16 0	4.1	11 48	0.4	11
2.9	3.3	3.4	2.7	2.8	2.9	2.9	2.5	3.3	2.7	17 8	4.1	11 40	1.0	12
2.7	2.3	1.8	2.2	2.3	2.4	2.6	3.2	3.6	2.6	7 40	4.5	11 40	0.4	13
3.5	3.3	2.8	2.3	2.3	2.5	2.5	2.7	2.7	2.9	8 40	5.1	12 28	0.8	14
1.7	2.3	2.6	3.0	3.1	3.3	2.9	3.5	3.5	2.3	8 0	3.7	12 4	-0.2	15
2.6	2.6	2.5	2.5	2.7	2.7	2.6	2.7	2.7	2.6	8 0	4.5	11 40	1.1	16
2.6	2.9	3.0	2.9	2.8	2.6	2.5	2.5	2.5	2.3	7 40	3.9	12 36	-0.8	17
2.7	2.9	2.3	2.3	2.3	2.2	2.1	2.3	2.5	2.1	7 20	3.8	12 16	-1.1	18†
3.1	3.2	2.2	2.1	2.3	2.3	2.3	2.5	2.9	2.4	8 0	3.7	12 0	0.4	19
2.7	3.0	2.5	2.3	2.3	2.6	2.5	2.5	2.6	2.6	9 0	3.5	12 44	1.9	20
2.9	3.7	2.5	2.8	3.6	3.6	3.7	4.2	4.5	2.5	23 20	4.7	12 40	-0.5	21
2.4	2.4	2.3	2.7	2.9	3.1	3.3	3.3	3.8	3.0	8 12	4.5	13 16	0.9	22
2.7	3.9	5.0	4.4	5.3	4.7	4.5	5.0	5.0	3.4	19 44	5.6	11 20	-0.2	23
3.6	2.9	2.8	2.9	2.9	2.9	3.0	3.4	3.3	3.2	2 28	5.6	11 8	-0.2	24
3.1	2.9	2.5	2.8	2.9	3.0	2.9	3.0	3.1	2.8	7 40	4.8	11 20	-0.2	25
2.7	2.6	2.0	2.0	2.2	2.5	2.5	2.5	2.6	2.7	8 24	5.1	12 0	0.9	26
3.3	2.9	2.2	2.2	2.2	2.4	2.2	2.2	2.6	2.6	9 0	4.0	11 20	1.9	27
2.3	2.2	1.8	1.9	2.5	2.5	2.4	2.5	2.6	2.7	8 40	4.2	17 20	1.8	28
2.5	2.5	2.0	2.2	2.4	2.3	2.3	2.4	2.6	2.6	9 20	4.2	14 20	1.9	29†
2.7	2.9	2.2	2.3	2.3	2.3	2.3	2.5	2.6	2.2	0 40	3.0	12 0	0.8	30†
2.2	2.4	1.9	2.2	2.4	2.4	2.9	3.7	3.5	2.3	21 40	3.9	11 40	0.8	31
2.9	3.0	2.7	2.6	2.7	2.7	2.7	2.9	3.0	2.7					Mean.
2.7	3.2	2.6	2.5	2.5	2.5	2.5	2.5	2.7	2.5					Mean.†

* See footnote on page 89.

† Five international quiet days.

‡ Minus sign in this table indicates westerly declination.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER.

0° PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	3.3	2.8	2.5	2.2	2.0	1.9	1.7	1.7	3.0	3.3	1.4	1.1	1.4	2.0	2.1
2	2.5	2.4	2.3	2.0	2.0	2.5	2.6	3.2	3.5	3.6	2.8	1.4	1.4	1.7	2.0
3	3.4	3.5	3.3	3.4	3.1	2.8	2.6	2.8	2.7	2.0	1.7	1.6	2.3	2.8	3.1
4	2.9	3.0	3.1	2.8	2.6	2.5	3.2	3.3	3.3	3.2	2.0	1.0	0.8	1.3	1.7
5†	2.7	2.6	2.6	2.8	2.6	2.7	2.7	3.3	4.0	3.5	2.0	1.5	1.5	2.1	2.6
6	2.5	2.5	2.4	2.2	2.1	1.9	2.0	2.4	2.8	3.2	2.2	0.8	1.0	1.4	1.9
7	3.0	2.9	2.9	2.5	2.4	2.2	2.3	2.8	3.2	3.3	2.9	2.1	1.5	1.5	1.7
8	2.5	2.5	2.3	1.9	1.9	1.9	1.8	2.7	3.0	3.1	2.5	1.6	1.9	2.5	2.5
9	2.9	3.3	3.7	3.9	3.2	2.7	2.3	2.6	2.7	4.3	3.9	3.3	3.2	3.7	3.4
10	4.0	3.5	3.0	2.6	2.1	1.9	1.9	3.2	3.9	3.9	3.6	3.3	2.6	3.4	3.1
11	4.0	4.1	3.8	3.5	3.0	2.6	2.4	2.9	3.2	3.0	3.3	3.3	3.1	3.1	3.4
12	2.7	2.6	2.5	2.3	2.1	2.1	1.8	2.5	3.1	3.2	2.9	2.5	2.4	2.5	2.4
13	2.7	2.7	2.6	2.6	2.5	2.4	3.1	3.6	3.4	2.9	2.6	2.2	2.3	2.6	2.9
14	2.9	3.1	2.6	2.4	2.2	2.0	1.7	1.8	1.8	2.0	1.5	1.3	2.2	2.7	2.9
15	2.7	3.1	1.8	2.0	1.9	1.6	1.5	2.0	2.2	2.3	2.5	2.6	2.9	3.0	2.3
16	2.7	2.5	2.1	2.0	2.0	1.9	1.8	2.4	2.5	2.9	2.8	2.8	2.8	2.6	2.6
17	2.6	2.8	2.8	2.5	2.1	1.8	1.3	1.3	1.7	1.8	1.7	1.7	1.9	1.8	1.7
18	2.6	2.7	2.7	2.4	2.1	1.8	1.7	1.9	2.3	2.1	1.7	1.2	0.9	0.9	1.4
19	2.4	2.4	2.4	2.2	2.1	2.0	1.9	1.4	1.1	0.9	0.3	0.5	0.8	1.3	1.7
20	2.2	2.2	2.2	2.1	1.9	1.8	1.5	1.5	1.1	1.2	1.1	0.9	1.6	2.1	2.1
21†	2.7	2.8	2.7	2.5	2.4	1.9	1.4	1.2	1.5	2.1	2.3	2.3	2.4	2.3	1.8
22†	1.9	2.0	2.1	1.8	1.8	1.7	1.7	1.4	1.9	2.4	2.4	2.4	2.1	2.5	2.1
23	2.4	2.5	2.3	2.1	2.0	1.9	2.0	2.6	3.3	2.8	1.5	0.8	1.1	1.2	1.0
24	2.1	1.8	2.0	1.9	2.0	1.9	1.4	1.8	1.7	1.7	1.7	1.0	0.5	1.3	1.3
25	2.1	2.1	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.4	2.3	2.1	2.8	3.0
26	2.1	2.1	2.2	2.1	2.0	2.0	1.7	1.9	2.0	1.9	1.1	0.5	0.9	2.0	2.6
27†	2.1	2.0	2.2	2.2	2.1	2.0	1.8	2.1	2.3	2.8	2.4	1.7	1.1	1.3	1.3
28†	1.9	1.9	2.0	1.7	1.7	1.6	0.9	1.4	2.2	2.5	2.7	2.8	3.0	3.0	3.0
29	2.3	2.3	2.3	2.3	2.2	2.1	1.9	2.0	3.0	3.7	3.2	2.5	2.6	2.5	1.8
30	2.1	2.3	2.3	2.3	2.3	2.4	1.4	1.2	1.4	2.0	1.7	1.4	1.4	1.7	2.0
Mean	2.7	2.6	2.5	2.4	2.2	2.1	1.9	2.2	2.5	2.7	2.2	1.8	1.9	2.2	2.3
Mean†	2.3	2.3	2.3	2.2	2.1	2.0	1.7	1.9	2.4	2.7	2.4	2.1	2.0	2.2	2.2

DECEMBER.

1	2.3	2.5	2.3	2.1	2.2	2.0	1.5	1.4	2.0	2.5	1.7	1.1	1.4	2.3	2.1
2	2.5	2.5	2.3	2.4	1.8	1.6	1.0	0.5	1.0	1.2	0.8	0.0	0.2	0.8	1.9
3†	2.4	2.4	2.5	2.4	2.0	1.8	1.5	1.5	2.1	2.4	2.1	1.7	1.6	1.7	1.9
4	2.6	2.6	2.4	2.1	1.9	1.7	1.1	0.9	1.4	1.6	1.5	1.3	1.9	2.6	2.3
5	1.9	1.8	1.9	1.9	1.7	1.5	1.4	1.5	2.6	3.4	3.8	3.3	3.1	3.1	2.9
6	2.1	2.3	1.9	1.9	1.7	1.2	0.7	1.0	2.0	3.0	3.8	3.9	4.1	3.8	3.3
7	2.7	2.8	2.6	2.3	2.2	1.9	1.4	0.9	1.4	2.4	2.9	3.3	4.2	4.3	2.8
8	2.4	2.4	2.3	2.2	1.9	1.9	1.6	1.7	1.9	1.9	2.3	2.7	2.5	2.7	2.7
9	2.4	2.2	2.1	2.0	1.9	1.7	1.6	1.3	2.2	2.4	2.1	2.1	2.1	2.1	2.3
10	2.1	2.0	2.0	1.9	1.6	1.7	1.6	1.4	1.7	1.6	1.3	1.2	1.2	1.5	1.4
11	2.5	2.3	2.1	1.9	1.8	1.6	1.3	1.3	2.1	2.3	2.2	1.8	1.6	1.4	1.2
12	1.9	1.7	1.7	1.7	1.9	1.6	1.6	1.9	2.7	3.4	3.5	2.8	3.1	3.2	2.3
13	1.9	1.9	1.8	1.6	1.6	1.6	1.7	0.9	1.5	2.3	2.8	2.5	1.8	2.3	1.9
14†	2.1	2.0	2.0	2.0	2.0	2.0	1.8	1.5	1.9	2.2	2.3	2.2	2.2	2.3	2.2
15	1.9	1.9	1.7	1.6	1.6	1.6	1.1	0.6	1.2	2.2	2.7	2.8	2.9	3.2	3.1
16	3.1	3.1	3.1	2.9	2.3	1.8	1.1	0.9	1.6	3.3	3.8	3.3	2.9	3.3	3.1
17†	2.2	2.2	2.1	1.9	1.8	1.5	1.2	1.2	2.1	2.5	2.6	1.9	1.8	2.2	2.3
18	2.1	2.1	2.0	1.7	1.5	1.0	0.5	0.2	1.2	1.9	2.5	2.2	2.0	2.4	2.5
19	3.1	2.9	2.9	2.8	2.5	2.0	1.8	1.5	1.9	2.6	3.1	2.2	2.2	2.7	3.2
20	2.3	2.3	2.1	2.2	2.3	2.2	2.4	2.5	2.8	3.5	3.5	1.9	1.7	2.6	2.7
21†	2.3	2.4	2.4	2.3	2.3	2.2	1.9	1.6	2.0	2.3	2.3	2.0	1.9	2.3	2.2
22	2.2	2.3	2.4	2.5	2.1	2.1	1.5	1.0	1.0	2.7	3.3	3.3	1.9	1.0	0.8
23	2.1	2.1	2.1	1.9	1.8	1.7	1.6	1.7	2.6	2.9	2.1	1.8	1.4	1.2	1.0
24	2.1	2.1	2.1	1.9	1.6	1.5	1.5	1.6	2.0	2.8	3.3	2.7	1.9	1.3	1.1
25	2.3	2.4	2.4	2.2	1.8	1.4	1.0	0.6	1.5	2.1	2.1	2.5	2.1	2.5	2.3
26†	1.8	1.7	1.8	1.4	1.2	1.0	0.6	0.4	1.1	2.3	3.1	2.7	2.1	1.6	1.6
27	2.0	2.1	2.1	1.9	1.6	1.4	1.1	1.3	2.2	2.8	2.6	1.8	1.3	1.6	1.9
28	3.5	3.5	2.3	2.3	2.0	1.3	0.8	0.7	1.1	1.5	2.0	2.2	3.7	3.1	3.9
29	3.5	3.5	3.1	2.5	2.3	1.8	1.4	1.3	1.8	1.6	1.1	1.7	2.2	2.8	3.1
30	2.2	2.4	2.5	2.2	2.0	1.7	1.7	1.8	3.0	3.5	3.1	2.6	2.0	1.8	2.0
31	2.2	2.2	2.4	2.2	2.1	2.0	2.0	1.9	2.5	2.9	2.3	1.8	1.9	2.2	2.9
Mean	2.4	2.3	2.2	2.1	1.9	1.7	1.4	1.2	1.9	2.5	2.5	2.2	2.2	2.3	2.3
Mean†	2.2	2.1	2.2	2.0	1.9	1.7	1.4	1.3	1.8	2.3	2.5	2.1	1.9	2.1	2.1

† Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time).
NOVEMBER. 0° PLUS TABULAR QUANTITIES

Hours.									Mean.*	Maximum.		Minimum.		Date.	
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.		
										H.	M.		H.		M.
2.9	2.9	2.9	2.9	2.7	2.8	2.7	2.8	2.8	2.4	9	0	4.0	12	0	1
2.6	3.1	2.6	2.6	2.6	2.5	2.6	3.1	3.2	2.5	9	0	3.7	11	40	2
3.7	3.5	2.7	2.5	2.6	2.5	2.4	2.6	2.8	2.8	16	0	3.7	11	20	3
2.4	2.9	2.6	2.5	2.5	2.5	2.5	2.5	2.7	2.5	8	0	3.5	11	40	4
3.0	3.0	2.4	2.2	2.1	2.2	2.2	2.3	2.4	2.5	9	0	4.2	11	0	5†
2.3	2.3	2.2	2.4	2.4	2.4	2.4	2.6	2.7	2.2	9	16	3.4	11	40	6
1.7	1.7	1.7	2.0	2.3	2.4	2.3	2.4	2.4	2.3	9	20	3.4	12	40	7
2.4	2.2	2.3	2.3	2.5	2.6	2.5	2.4	2.5	2.4	9	16	3.1	12	0	8†
3.1	2.9	2.8	3.0	2.8	3.2	3.3	3.9	4.4	3.3	9	32	4.5	7	0	9
2.6	2.6	2.6	2.8	3.0	3.6	3.8	3.6	3.5	3.1	0	36	4.3	5	40	10
3.8	3.3	3.1	3.2	2.8	2.6	2.7	2.6	2.7	3.2	0	40	4.2	7	0	11
2.5	2.3	2.3	2.5	2.6	2.7	2.5	2.6	2.7	2.5	9	12	3.3	6	20	12
2.1	1.9	2.1	2.7	2.6	2.6	2.8	3.1	3.0	2.7	7	20	3.6	16	28	13
2.9	2.9	2.6	3.1	3.5	3.4	3.6	3.3	2.7	2.5	21	48	3.9	11	0	14
2.0	2.2	2.4	2.4	2.6	2.5	2.5	2.9	3.2	2.4	23	16	3.5	15	0	15
2.3	1.9	2.2	2.3	2.4	2.4	2.4	2.4	2.5	2.4	9	40	3.1	6	0	16
2.1	2.3	2.4	2.3	2.5	2.4	2.5	2.5	2.6	2.1	1	20	3.1	7	0	17†
1.9	2.2	2.2	2.4	2.5	2.4	2.3	2.5	2.5	2.1	2	0	2.9	12	40	18†
2.0	1.7	1.9	2.0	2.0	2.2	2.0	2.1	2.3	1.7	0	0	2.7	9	40	19
1.9	2.3	2.3	2.3	2.5	2.4	2.4	2.5	2.5	1.9	19	56	2.7	11	0	20
1.7	2.1	2.0	2.0	2.1	2.0	1.8	2.1	1.9	2.1	1	0	2.9	7	0	21
2.0	2.3	2.0	2.3	2.4	2.2	2.0	2.0	2.3	2.1	9	20	2.6	7	20	22
1.1	1.1	1.4	1.7	1.9	1.9	1.8	1.9	2.2	1.9	9	20	3.5	11	20	23
1.3	1.6	1.4	1.8	1.7	2.1	2.1	2.3	2.2	1.7	22	20	2.4	12	0	24
2.8	2.4	2.0	2.2	2.2	2.3	2.1	2.3	2.3	2.2	15	0	3.1	3	10	25
2.6	2.2	1.7	1.9	2.0	2.0	2.0	2.0	2.0	1.9	15	0	2.8	12	0	26
1.8	2.1	1.9	1.9	1.8	1.9	1.8	1.8	1.9	1.9	9	20	3.0	12	40	27
2.7	2.3	1.9	2.0	2.1	2.0	1.9	2.1	2.2	2.1	13	0	3.1	6	40	28
1.9	1.9	1.6	1.9	2.3	2.2	2.0	2.0	2.1	2.3	9	20	3.8	15	0	29
2.0	2.3	2.0	1.1	2.2	2.2	2.1	2.3	2.3	2.0	2	40	2.4	7	40	30†
2.3	2.3	2.2	2.3	2.4	2.4	2.4	2.5	2.6	2.3						Mean.
2.3	2.4	2.0	2.1	2.1	2.1	1.9	2.0	2.1	2.1						Mean.†

DECEMBER.

1.7	1.5	1.7	2.0	2.1	2.1	2.1	2.3	2.5	2.0	1	20	2.6	7	0	1.1	1
2.6	2.7	2.1	2.1	2.2	2.3	2.3	2.1	2.3	1.7	16	20	2.8	12	0	0.1	2
2.1	2.2	1.8	1.9	2.2	2.1	2.3	2.3	2.5	2.1	2	20	2.8	7	0	1.1	3†
2.2	2.0	2.0	2.1	2.2	2.2	2.1	2.1	2.0	2.0	0	0	2.8	7	0	0.9	4
2.6	2.5	2.0	2.1	2.1	2.1	2.1	2.1	2.0	2.3	10	20	4.0	7	0	1.0	5
3.1	3.0	2.7	3.4	3.0	3.9	3.1	2.7	2.7	2.7	11	40	4.2	6	40	0.5	6
1.7	2.0	2.6	2.5	2.7	2.3	2.3	2.4	2.4	2.5	13	40	4.4	7	20	0.6	7
2.3	2.3	2.4	2.2	2.2	2.2	2.2	2.4	2.5	2.3	8	20	3.0	7	0	1.5	8
2.1	2.1	2.6	2.4	2.2	2.2	2.2	2.2	2.2	2.1	17	20	3.0	7	20	1.0	9
1.4	1.9	2.1	2.2	2.3	2.3	2.7	2.3	2.5	1.8	21	4	2.9	11	8	0.9	10
1.3	1.8	2.2	2.4	2.4	2.2	2.0	2.0	2.0	1.9	0	0	2.9	15	0	0.8	11
1.6	1.8	1.9	2.3	2.2	2.3	2.2	2.1	2.0	2.2	10	0	3.7	3	36	1.3	12
2.0	2.3	2.1	2.3	2.2	2.2	2.1	2.0	2.1	2.0	11	16	2.9	7	0	0.8	13
1.7	1.9	2.0	2.1	2.0	2.1	2.0	2.1	2.0	2.1	13	56	2.6	7	0	1.2	14†
2.1	1.8	1.5	1.7	2.0	2.2	2.5	3.1	3.0	2.1	13	52	3.2	7	0	0.5	15
2.4	2.0	2.0	2.2	2.2	1.9	2.0	2.1	2.1	2.5	10	40	3.9	6	40	0.8	16
2.1	2.4	2.1	1.9	2.1	1.9	1.7	1.9	2.1	2.0	9	42	2.9	6	40	0.8	17†
2.2	2.2	1.8	1.9	1.9	1.5	1.8	3.0	2.8	1.9	23	0	3.2	7	20	0.1	18
3.0	2.7	2.1	2.2	2.1	2.2	1.8	1.9	2.1	2.4	14	40	3.3	7	20	1.3	19
2.2	2.5	2.1	2.2	2.3	2.2	2.2	2.2	2.3	2.4	9	16	3.7	12	0	0.8	20
1.9	1.5	1.7	1.8	1.9	2.0	1.9	1.8	2.1	2.1	0	0	2.5	7	0	1.5	21†
1.5	2.1	1.8	1.8	2.0	2.0	1.9	1.8	2.0	2.0	11	0	3.5	14	0	0.4	22
1.5	2.1	1.4	1.7	1.7	1.7	1.6	2.0	2.0	1.8	9	28	3.1	15	20	0.8	23
1.2	1.1	1.3	1.5	1.9	2.0	2.1	2.3	2.3	1.9	10	20	3.5	14	0	0.7	24
1.9	2.1	1.9	1.9	2.0	2.0	1.7	1.7	1.8	1.9	11	20	2.8	7	0	0.4	25
2.1	2.0	1.7	1.9	2.1	1.9	1.8	1.8	1.8	1.7	10	24	3.1	7	0	0.3	26†
1.9	2.0	1.6	1.7	1.8	1.8	2.3	3.2	3.5	2.0	23	20	3.8	6	54	0.8	27
3.9	2.5	1.7	2.5	2.9	2.8	3.5	3.3	3.3	2.5	14	48	4.1	6	40	0.6	28
3.0	2.4	1.9	2.5	2.3	2.2	2.5	2.3	2.4	2.3	0	40	3.8	10	20	0.9	29
2.0	2.4	2.0	2.2	2.3	2.2	2.2	2.3	2.3	2.3	9	14	3.8	5	20	1.5	30
3.0	2.5	2.0	2.1	2.0	1.9	2.1	2.1	2.3	2.2	15	40	3.3	12	0	1.2	31
2.1	2.1	2.0	2.1	2.2	2.2	2.2	2.3	2.3	2.1						Mean.	
2.0	2.0	1.9	1.9	2.1	2.0	1.9	2.0	2.1	2.0						Mean.†	

* See footnote on page 89.
† Five international quiet days.

HORIZONTAL FORCE, 1925.

JANUARY. (Averages for periods of sixty minutes from full hour to full hour of local mean time). 36000γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1051	1048	1048	1048	1050	1050	1052	1054	1052	1057	1061	1065	1063	1059	1056
2	1046	1047	1047	1046	1044	1045	1046	1051	1057	1065	1072	1070	1066	1062	1055
3	1049	1049	1050	1051	1051	1051	1051	1057	1069	1090	1098	1099	1095	1089	1081
4†	1044	1046	1046	1047	1046	1047	1049	1051	1054	1057	1061	1059	1055	1053	1050
5	1047	1046	1047	1051	1053	1057	1061	1062	1065	1069	1075	1073	1064	1055	1053
6	1041	1042	1045	1049	1051	1054	1059	1065	1068	1071	1076	1081	1080	1070	1061
7	1053	1053	1054	1056	1059	1062	1064	1068	1070	1075	1077	1077	1079	1077	1075
8	1049	1054	1054	1054	1055	1055	1057	1061	1067	1073	1076	1069	1065	1064	1061
9	1056	1056	1056	1058	1063	1064	1069	1082	1093	1094	1089	1085	1083	1078	1075
10†	1058	1059	1060	1061	1062	1062	1064	1065	1067	1069	1076	1076	1068	1062	1058
11†	1059	1060	1060	1060	1060	1062	1066	1073	1082	1090	1098	1104	1099	1088	1079
12	1056	1057	1057	1058	1058	1060	1062	1063	1065	1070	1079	1083	1084	1080	1075
13	1060	1060	1060	1061	1063	1064	1067	1071	1080	1092	1106	1108	1099	1095	1080
14	1045	1043	1043	1046	1047	1048	1047	1050	1054	1059	1062	1063	1065	1062	1058
15	1051	1051	1049	1048	1050	1050	1051	1055	1061	1067	1077	1081	1077	1069	1066
16	1049	1051	1052	1054	1054	1054	1053	1049	1049	1056	1072	1078	1076	1070	1064
17	1065	1066	1045	1042	1045	1044	1049	1061	1067	1056	1040	1041	1046	1044	1034
18	1029	1029	1036	1036	1036	1035	1036	1040	1039	1039	1042	1045	1050	1056	1058
19	1046	1055	1041	1038	1035	1037	1048	1050	1055	1057	1062	1064	1064	1067	1067
20	988	996	1005	1014	1019	1021	1029	1032	1032	1037	1040	1026	1012	1016	1024
21	1038	1031	1031	1036	1037	1039	1040	1039	1043	1049	1053	1060	1070	1067	1062
22	1056	1050	1049	1052	1049	1047	1047	1051	1054	1063	1067	1060	1055	1067	1059
23	1046	1046	1049	1049	1049	1051	1056	1063	1067	1072	1083	1090	1088	1075	1070
24	1060	1042	1049	1048	1043	1044	1048	1056	1062	1063	1057	1056	1044	1040	1035
25†	1037	1040	1040	1041	1043	1044	1047	1049	1052	1056	1063	1068	1066	1059	1051
26	1045	1046	1046	1046	1047	1048	1050	1057	1063	1071	1076	1076	1069	1065	1062
27	1046	1048	1047	1048	1053	1057	1062	1068	1076	1078	1078	1084	1081	1075	1068
28†	1042	1043	1044	1048	1049	1049	1050	1054	1059	1064	1067	1066	1069	1069	1063
29	1048	1050	1051	1052	1054	1056	1059	1064	1067	1074	1087	1092	1094	1089	1077
30	1053	1053	1055	1057	1057	1060	1063	1065	1070	1076	1084	1085	1086	1079	1074
31	1057	1058	1056	1060	1058	1058	1057	1059	1067	1079	1090	1089	1087	1085	1075
Mean .	1047	1048	1047	1049	1050	1051	1054	1058	1062	1067	1072	1073	1071	1067	1062
Mean†.	1048	1050	1050	1051	1052	1053	1055	1058	1063	1067	1073	1075	1071	1066	1060

FEBRUARY.

1	1057	1060	1059	1059	1259	1061	1064	1070	1076	1081	1085	1090	1088	1083	1085
2	1056	1051	1052	1057	1061	1057	1060	1061	1064	1067	1071	1072	1069	1070	1068
3†	1049	1050	1052	1054	1056	1055	1051	1053	1057	1060	1062	1067	1067	1061	1060
4†	1052	1051	1051	1055	1058	1057	1064	1067	1071	1076	1077	1081	1081	1078	1069
5	1054	1054	1054	1056	1058	1059	1061	1067	1076	1082	1085	1088	1085	1077	1070
6	1052	1053	1055	1055	1055	1056	1059	1060	1065	1075	1083	1086	1081	1072	1064
7	1041	1043	1046	1047	1048	1047	1051	1057	1063	1066	1067	1067	1067	1063	1058
8	1055	1055	1061	1061	1066	1067	1070	1079	1093	1107	1105	1111	1109	1097	1086
9	1047	1042	1041	1043	1056	1055	1046	1043	1046	1047	1042	1027	1016	1015	1017
10	1023	1038	1035	1035	1032	1032	1035	1038	1043	1050	1059	1064	1062	1058	1053
11	1035	1038	1037	1040	1042	1042	1047	1052	1061	1069	1075	1073	1062	1049	1042
12	1035	1032	1034	1034	1036	1038	1041	1044	1050	1057	1065	1073	1078	1072	1065
13	1039	1043	1037	1040	1040	1042	1059	1054	1059	1069	1079	1082	1079	1067	1052
14	1034	1042	1049	1041	1043	1043	1043	1046	1049	1055	1063	1071	1074	1074	1071
15	1036	1046	1045	1045	1046	1047	1049	1053	1058	1064	1071	1079	1077	1073	1067
16	1047	1049	1053	1052	1052	1054	1055	1056	1061	1067	1073	1077	1075	1071	1069
17	1049	1052	1055	1049	1043	1042	1046	1051	1061	1071	1075	1075	1075	1067	1060
18	1033	1034	1036	1046	1053	1055	1057	1064	1073	1083	1089	1088	1082	1074	1067
19	1050	1047	1047	1041	1042	1045	1049	1052	1057	1066	1068	1069	1063	1059	1057
20	1016	1017	1021	1026	1034	1038	1041	1051	1057	1058	1065	1063	1056	1051	1045
21†	1042	1044	1044	1045	1046	1048	1050	1054	1061	1066	1070	1072	1073	1068	1064
22†	1046	1047	1049	1049	1051	1052	1055	1063	1074	1087	1091	1091	1085	1076	1067
23†	1053	1057	1057	1057	1059	1061	1065	1072	1081	1091	1099	1102	1097	1085	1073
24	1054	1054	1055	1057	1058	1059	1060	1065	1073	1083	1094	1105	1103	1092	1079
25	1031	1028	1031	1036	1042	1044	1041	1043	1060	1065	1068	1062	1053	1036	1023
26	1043	1042	1045	1045	1047	1049	1054	1064	1076	1086	1094	1093	1086	1077	1070
27	1053	1053	1054	1055	1057	1057	1058	1061	1069	1081	1092	1091	1085	1076	1071
28	1056	1057	1057	1057	1060	1062	1064	1069	1083	1085	1082	1076	1078	1079	1078
Mean	1044	1046	1047	1048	1050	1051	1053	1057	1065	1072	1077	1078	1075	1069	1063
Mean†	1049	1050	1050	1052	1054	1055	1057	1062	1069	1076	1080	1083	1081	1074	1067

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

JANUARY.

36000γ PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
1053	1052	1044	1041	1036	1040	1043	1043	1045	1050	11 40	1065	19 40	1034	1
1050	1049	1052	1054	1049	1048	1048	1047	1047	1053	10 20	1076	22 8	1043	2
1066	1047	1042	1044	1041	1040	1042	1043	1043	1060	10 40	1104	16 44	1039	3
1047	1047	1049	1048	1047	1047	1049	1048	1049	1050	10 24	1062	16 08	1044	†4
1052	1048	1043	1036	1032	1030	1035	1037	1039	1051	11 4	1078	20 24	1028	5
1055	1051	1051	1051	1052	1051	1051	1051	1053	1058	12 08	1083	0 0	1040	6
1068	1061	1059	1058	1055	1053	1049	1048	1047	1062	13 36	1080	23 40	1045	7
1062	1061	1060	1063	1063	1062	1059	1057	1054	1061	10 4	1078	0 0	1048	8
1072	1067	1062	1058	1055	1055	1055	1056	1058	1068	9 8	1098	19 26	1053	9
1057	1058	1060	1060	1057	1055	1055	1058	1060	1062	10 40	1078	19 48	1053	†10
1070	1065	1062	1060	1059	1057	1056	1055	1056	1070	11 28	1105	21 40	1054	†11
1069	1064	1063	1064	1063	1063	1061	1060	1060	1066	12 8	1085	0 0	1056	12
1052	1045	1041	1038	1032	1030	1035	1040	1043	1063	10 40	1111	20 0	1026	13
1054	1052	1052	1049	1049	1049	1048	1049	1051	1052	12 16	1067	0 0	1043	14
1057	1050	1050	1052	1053	1052	1049	1048	1050	1057	11 4	1083	22 04	1047	15
1070	1069	1069	1072	1073	1072	1070	1072	1063	1063	22 52	1081	7 56	1046	16
1029	1029	1032	1033	1033	1032	1031	1029	1029	1042	0 56	1087	10 36	1023	17
1053	1044	1043	1043	1038	1040	1050	1042	1043	1042	14 28	1062	0 52	1026	18
1068	1065	1066	1055	1022	1016	998	992	989	1043	18 12	1072	23 54	984	19
1026	1024	1027	1032	1031	1031	1030	1023	1027	1024	10 32	1045	0 36	986	20
1053	1043	1041	1036	1039	1044	1040	1042	1045	1045	11 52	1077	18 44	1029	21
1054	1045	1047	1047	1045	1044	1043	1043	1045	1051	10 56	1070	16 40	1041	22
1068	1061	1049	1051	1051	1030	1030	1049	1059	1059	11 56	1091	21 0	1018	23
1034	1037	1035	1037	1041	1036	1038	1046	1040	1045	9 17	1070	1 52	1030	24
1045	1042	1040	1039	1041	1043	1043	1043	1044	1047	11 56	1068	0 44	1034	†25
1060	1055	1055	1054	1047	1043	1039	1037	1043	1054	11 24	1079	22 32	1035	26
1063	1062	1058	1053	1049	1050	1046	1042	1041	1060	12 4	1086	23 8	1040	27
1056	1051	1052	1050	1044	1042	1047	1048	1048	1053	12 36	1071	20 0	1040	†28
1065	1062	1059	1055	1051	1052	1053	1053	1052	1063	12 8	1097	0 0	1047	29
1064	1056	1052	1053	1055	1053	1054	1055	1056	1063	12 30	1091	17 20	1051	30
1065	1061	1056	1055	1058	1059	1056	1055	1057	1065	10 40	1094	2 20	1052	31
1057	1052	1051	1050	1047	1046	1045	1046	1046	1055					Mean
1055	1053	1053	1052	1050	1049	1050	1051	1051	1056					Mean†

FEBRUARY.

1084	1064	1052	1041	1049	1058	1062	1059	1061	1067	11 48	1093	18 52	1038	1
1061	1056	1054	1053	1055	1056	1053	1051	1050	1059	11 16	1073	23 40	1049	2
1058	1055	1054	1053	1052	1051	1050	1049	1051	1055	12 0	1069	0 0	1048	3†
1063	1058	1057	1056	1055	1054	1053	1053	1052	1062	11 28	1083	2 16	1050	4†
1063	1059	1059	1051	1049	1049	1051	1052	1053	1063	11 40	1089	19 8	1047	5
1056	1055	1056	1055	1053	1050	1047	1045	1045	1059	11 40	1039	22 16	1042	6
1054	1052	1051	1051	1051	1049	1049	1051	1053	1054	11 56	1069	0 20	1040	7
1078	1074	1071	1068	1063	1058	1051	1049	1047	1074	10 0	1117	22 8	1045	8
1022	1023	1029	1032	1027	1026	1029	1020	1017	1033	4 44	1065	12 24	1011	9
1049	1042	1040	1041	1040	1040	1036	1035	1035	1043	11 40	1065	0 0	1013	10
1041	1037	1039	1042	1041	1040	1041	1039	1037	1047	12 56	1076	1 4	1031	11
1062	1055	1039	1034	1030	1024	1017	1019	1029	1044	12 20	1079	21 36	1014	12
1046	1044	1041	1041	1043	1043	1042	1038	1036	1050	11 20	1083	0 22	1031	13
1067	1057	1047	1042	1040	1038	1033	1030	1031	1049	13 8	1078	23 4	1027	14
1059	1054	1051	1049	1048	1045	1046	1045	1047	1055	11 44	1081	0 0	1035	15
1067	1062	1060	1056	1054	1051	1049	1045	1050	1059	11 40	1078	21 56	1043	16
1057	1055	1046	1036	1027	1019	1017	1015	1022	1049	11 52	1080	22 20	1012	17
1063	1059	1052	1052	1051	1049	1048	1049	1051	1059	11 0	1091	1 20	1030	18
1057	1054	1047	1038	1032	1019	1017	1015	1013	1045	10 40	1071	22 20	1012	19
1041	1043	1045	1045	1043	1037	1038	1040	1041	1043	10 6	1069	1 4	1014	20
1060	1057	1051	1046	1047	1046	1046	1045	1045	1054	12 0	1074	0 0	1042	21†
1060	1056	1055	1059	1061	1058	1058	1055	1057	1063	11 44	1093	0 0	1046	22†
1062	1056	1055	1055	1054	1053	1051	1052	1054	1067	11 24	1103	21 36	1050	23†
1070	1066	1067	1066	1068	1064	1055	1041	1032	1067	11 56	1108	22 32	1027	24
1017	1013	1016	1015	1027	1034	1038	1041	1042	1038	10 32	1070	16 40	1013	25
1066	1062	1058	1056	1053	1053	1053	1053	1053	1062	10 16	1094	0 40	1042	26
1067	1066	1062	1060	1058	1056	1055	1055	1055	1065	10 40	1095	0 20	1053	27
1074	1057	1052	1059	1056	1053	1046	1043	1044	1064	9 0	1093	22 8	1041	28
1058	1053	1050	1048	1047	1045	1040	1042	1043	1055					Mean
1061	1056	1055	1054	1054	1053	1052	1051	1052	1060					Mean†

*The daily mean value of horizontal force derived from 24 hourly values have been corrected for progressive change by 1/48 of the difference between the values of the initial and terminal hours [i.e. by 1/48 (a₂₄—a₀)].

†Five international quiet days.

MARCH. (Averages for periods of sixty minutes from full hour to full hour of local mean time.)
36000γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	γ 1049	γ 1052	γ 1051	γ 1054	γ 1058	γ 1056	γ 1053	γ 1055	γ 1056	γ 1058	γ 1067	γ 1066	γ 1080	γ 1082	γ 1084
2	1049	1044	1041	1041	1041	1044	1048	1053	1062	1073	1083	1089	1082	1071	1061
†3	1052	1051	1051	1051	1052	1054	1056	1057	1062	1070	1077	1079	1083	1077	1073
4	1056	1057	1057	1059	1059	1059	1059	1066	1077	1086	1094	1101	1099	1093	1087
5	1074	1079	1077	1075	1081	1077	1071	1070	1075	1088	1088	1086	1083	1083	1074
6	1037	1043	1046	1050	1051	1053	1056	1054	1060	1064	1064	1071	1066	1062	1058
7	1052	1053	1052	1055	1054	1057	1054	1060	1070	1081	1086	1086	1082	1075	1069
†8	1059	1056	1058	1059	1061	1064	1067	1073	1082	1095	1107	1109	1105	1094	1086
9	1058	1059	1060	1063	1070	1071	1077	1089	1105	1119	1151	1131	1127	1112	1081
10	1040	1042	1043	1050	1047	1045	1049	1062	1074	1089	1101	1102	1095	1081	1066
11	1049	1048	1051	1056	1054	1052	1053	1058	1069	1079	1087	1089	1083	1072	1059
12	1052	1052	1055	1055	1054	1054	1056	1063	1074	1081	1092	1096	1090	1075	1066
13	1058	1055	1054	1052	1058	1057	1057	1064	1075	1087	1096	1099	1097	1088	1074
14	1055	1053	1058	1058	1058	1057	1061	1066	1073	1084	1089	1087	1082	1072	1063
15	1057	1058	1061	1061	1061	1061	1063	1074	1093	1113	1125	1123	1105	1083	1073
16	1027	1031	1048	1041	1041	1041	1042	1047	1056	1067	1073	1069	1061	1050	1045
17	1050	1051	1051	1052	1051	1053	1055	1060	1071	1086	1096	1099	1097	1089	1078
†18	1049	1048	1047	1053	1052	1050	1051	1056	1066	1077	1086	1091	1089	1084	1074
19	1054	1054	1054	1055	1057	1056	1057	1059	1068	1079	1090	1095	1092	1082	1071
20	1057	1055	1055	1060	1057	1055	1060	1072	1082	1096	1110	1114	1108	1099	1086
21	1059	1054	1053	1049	1051	1055	1061	1071	1079	1088	1098	1100	1095	1083	1068
22	1058	1057	1058	1064	1065	1069	1074	1081	1091	1099	1103	1105	1105	1095	1084
23	1058	1061	1062	1063	1057	1057	1060	1066	1072	1082	1081	1074	1062	1051	1037
24	1060	1062	1064	1067	1069	1065	1067	1070	1077	1088	1097	1102	1095	1093	1087
25	1067	1066	1063	1063	1063	1063	1062	1067	1078	1093	1102	1100	1098	1091	1080
26	1052	1055	1054	1055	1056	1057	1059	1067	1084	1097	1105	1106	1099	1091	1092
27	1062	1061	1060	1061	1067	1063	1062	1065	1075	1090	1109	1116	1113	1105	1093
†28	1052	1056	1061	1056	1055	1057	1063	1073	1086	1101	1111	1111	1109	1100	1084
29	1062	1063	1064	1063	1066	1067	1068	1076	1089	1104	1113	1111	1103	1095	1083
30	1039	1045	1045	1048	1050	1053	1056	1062	1070	1083	1094	1101	1100	1092	1083
†31	1065	1063	1065	1067	1070	1071	1072	1079	1089	1101	1111	1110	1107	1098	1091
Mean .	1054	1054	1055	1057	1058	1058	1060	1066	1075	1087	1096	1097	1093	1085	1075
Mean† .	1055	1055	1056	1057	1058	1059	1062	1068	1077	1089	1098	1100	1099	1090	1081

APRIL.

1	1060	1060	1060	1063	1067	1070	1071	1079	1091	1102	1110	1110	1116	1110	1084
2	1049	1054	1057	1057	1065	1067	1071	1079	1095	1115	1119	1111	1109	1095	1088
3	1061	1061	1063	1065	1057	1053	1058	1074	1091	1110	1111	1111	1101	1085	1068
4†	1036	1039	1043	1049	1045	1047	1047	1055	1070	1085	1096	1098	1094	1086	1075
5	1056	1061	1065	1066	1067	1070	1074	1078	1083	1094	1109	1110	1103	1094	1071
6	1043	1047	1047	1050	1050	1053	1058	1063	1074	1085	1096	1101	1097	1088	1077
7	1053	1054	1056	1065	1058	1055	1059	1062	1082	1069	1076	1086	1075	1063	1057
8	1050	1050	1047	1051	1056	1051	1051	1064	1079	1092	1104	1104	1099	1083	1066
9	1057	1060	1063	1054	1054	1057	1059	1063	1082	1092	1105	1108	1108	1094	1083
10	1060	1061	1068	1071	1071	1058	1049	1049	1061	1093	1089	1086	1078	1068	1056
11	1051	1060	1059	1048	1053	1055	1054	1054	1066	1086	1101	1103	1100	1090	1071
12	1044	1051	1045	1046	1046	1047	1046	1044	1052	1065	1089	1100	1101	1096	1082
13	1041	1043	1044	1043	1041	1046	1052	1059	1069	1086	1099	1099	1096	1084	1077
14	1056	1055	1055	1052	1052	1049	1050	1059	1075	1090	1097	1097	1089	1081	1073
15	1059	1056	1057	1055	1054	1057	1060	1069	1085	1099	1106	1106	1101	1095	1087
16	1036	1051	1048	1040	1039	1043	1052	1061	1074	1085	1089	1083	1071	1064	1053
17†	1050	1054	1051	1052	1053	1054	1051	1058	1072	1088	1098	1099	1097	1089	1071
18	1054	1052	1051	1051	1054	1054	1051	1056	1070	1087	1094	1093	1089	1081	1073
19†	1057	1053	1058	1055	1056	1058	1064	1072	1085	1001	1109	1109	1103	1093	1085
20	1065	1065	1067	1072	1070	1073	1071	1076	1095	1116	1127	1129	1121	1099	1089
21	1043	1054	1053	1052	1052	1053	1046	1047	1065	1080	1093	1097	1093	1083	1076
22	1045	1048	1052	1053	1055	1055	1055	1061	1075	1091	1100	1103	1100	1090	1079
23	1062	1066	1065	1068	1071	1071	1073	1081	1098	1111	1118	1112	1106	1103	1098
24†	1064	1065	1065	1066	1066	1064	1067	1076	1094	1107	1114	1114	1111	1099	1088
25†	1063	1061	1063	1062	1060	1064	1063	1064	1076	1097	1101	1104	1102	1097	1088
26	1075	1078	1079	1075	1074	1069	1066	1071	1082	1096	1102	1101	1094	1086	1079
27	1059	1058	1060	1062	1062	1064	1063	1067	1075	1085	1093	1097	1092	1085	1080
28	1061	1060	1062	1063	1065	1066	1067	1068	1080	1089	1093	1096	1099	1085	1078
29	1062	1060	1060	1060	1058	1058	1059	1059	1069	1079	1080	1077	1073	1063	1057
30	1066	1065	1062	1065	1067	1068	1071	1074	1083	1089	1093	1089	1085	1079	1073
Mean .	1055	1057	1057	1058	1058	1058	1059	1065	1078	1092	1100	1101	1097	1087	1076
Mean† .	1054	1054	1056	1057	1056	1057	1059	1065	1079	1095	1104	1105	1101	1093	1081

†Five international quiet days.

MARCH. (Averages for periods of sixty minutes from full hour to full hour of local mean time.)
36000γ PLUS TABULAR QUANTITIES

Hours.									Mean.*	Maximum.		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
1083	1071	1056	1038	1038	1047	1050	1048	1047	1058	14 12	1088	18 34	1033	1
1058	1057	1052	1045	1046	1051	1051	1050	1050	1056	11 32	1091	2 36	1039	2
1064	1061	1055	1051	1053	1056	1053	1054	1055	1061	12 20	1084	17 56	1050	†3
1080	1075	1076	1073	1070	1077	1077	1075	1074	1075	11 44	1101	0 20	1056	4
1057	1040	1039	1037	1037	1036	1033	1031	1031	1063	9 44	1096	21 52	1027	5
1055	1055	1054	1053	1053	1052	1052	1051	1052	1055	11 24	1071	0 0	1032	6
1062	1059	1056	1053	1054	1053	1054	1054	1058	1062	11 0	1089	18 52	1052	7
1076	1067	1066	1062	1059	1057	1055	1056	1057	1072	11 0	1110	21 0	1054	†8
1072	1055	1038	1038	1043	1033	1030	1026	1024	1072	10 52	1170	23 24	1020	9
1051	1052	1043	1046	1043	1034	1051	1045	1046	1058	11 20	1104	20 40	1029	10
1053	1054	1056	1055	1053	1053	1051	1052	1053	1060	11 16	1091	1 36	1048	11
1057	1054	1052	1054	1054	1054	1052	1052	1051	1062	11 44	1099	23 12	1049	12
1063	1061	1058	1056	1059	1059	1059	1059	1055	1067	11 0	1100	23 42	1052	13
1059	1060	1061	1060	1057	1056	1055	1054	1054	1064	10 36	1090	0 30	1052	14
1056	1026	1023	1018	1017	1025	1035	1032	1027	1061	11 4	1129	19 4	1008	15
1044	1043	1045	1045	1045	1050	1048	1048	1049	1049	11 16	1074	0 4	1026	16
1067	1060	1054	1051	1051	1048	1047	1047	1049	1063	11 40	1100	22 4	1044	17
1063	1056	1051	1053	1053	1051	1051	1052	1053	1061	11 40	1092	2 20	1045	†18
1063	1062	1073	1066	1063	1058	1057	1056	1053	1066	11 48	1096	23 40	1051	19
1071	1059	1051	1050	1049	1046	1046	1053	1060	1069	10 56	1115	19 54	1044	20
1060	1058	1059	1059	1057	1056	1055	1056	1056	1066	11 16	1100	21 44	1049	21
1074	1067	1059	1054	1052	1052	1053	1056	1057	1072	12 24	1108	19 24	1050	22
1033	1039	1039	1039	1040	1045	1046	1048	1049	1055	10 4	1084	15 4	1030	23
1033	1079	1075	1068	1055	1069	1066	1064	1068	1075	11 40	1103	0 4	1051	24
1069	1062	1059	1057	1055	1053	1053	1053	1053	1069	10 24	1104	21 20	1050	25
1088	1079	1074	1067	1057	1056	1058	1062	1062	1072	11 4	1106	0 24	1050	26
1080	1069	1066	1066	1054	1036	1035	1044	1049	1071	11 40	1117	20 42	1029	27
1074	1039	1065	1062	1059	1057	1058	1059	1060	1073	10 40	1113	0 0	1049	†28
1074	1068	1068	1070	1070	1059	1049	1042	1039	1073	10 40	1114	23 40	1037	29
1073	1066	1063	1061	1058	1059	1062	1063	1064	1067	11 40	1102	0 32	1037	30
1083	1075	1068	1062	1061	1061	1061	1060	1060	1077	11 0	1113	0 16	1040	†31
1066	1060	1057	1054	1052	1052	1052	1052	1052	1065					Mean
1072	1066	1061	1058	1057	1056	1056	1056	1057	1069					Mean†

APRIL.

1067	1068	1064	1057	1055	1055	1054	1054	1057	1074	12 28	1119	21 48	1052	1
1087	1084	1083	1079	1063	1060	1057	1062	1061	1078	10 4	1130	0 20	1048	2
1042	1025	1021	1031	1020	1013	1016	1015	1020	1057	9 46	1114	20 34	1010	3
1067	1061	1059	1055	1054	1053	1053	1054	1054	1062	11 16	1100	0 4	1036	†4
1051	1060	1051	1039	1037	1033	1039	1040	1041	1066	11 6	1115	20 18	1030	5
1068	1056	1050	1049	1045	1042	1040	1048	1062	1062	11 46	1106	21 6	1038	6
1054	1049	1048	1049	1049	1049	1047	1047	1048	1058	11 12	1088	22 40	1044	7
1054	1050	1051	1050	1050	1053	1052	1050	1052	1063	10 42	1109	2 50	1047	8
1066	1057	1054	1053	1056	1055	1055	1061	1060	1069	12 4	1114	18 22	1050	9
1047	1047	1050	1048	1047	1046	1047	1048	1049	1060	10 58	1098	17 10	1043	10
1048	1036	1049	1049	1048	1047	1047	1047	1045	1061	10 50	1105	16 24	1031	11
1071	1054	1043	1038	1036	1050	1052	1048	1050	1058	12 10	1106	18 52	1034	12
1071	1067	1062	1057	1054	1053	1052	1051	1053	1063	11 4	1101	0 40	1040	13
1066	1063	1061	1059	1058	1057	1058	1059	1059	1066	10 46	1098	5 20	1049	14
1081	1079	1071	1068	1069	1066	1057	1047	1049	1072	10 46	1106	22 32	1043	15
1039	1045	1043	1038	1048	1050	1051	1050	1049	1054	9 56	1091	0 24	1031	16
1061	1057	1055	1055	1054	1052	1051	1051	1054	1064	11 42	1102	0 30	1049	†17
1069	1066	1063	1061	1059	1054	1050	1051	1051	1064	10 42	1096	21 26	1050	18
1079	1074	1070	1064	1061	1060	1060	1061	1065	1073	11 0	1112	1 20	1051	†19
1082	1045	1035	1047	1049	1037	1025	1025	1038	1071	10 52	1133	22 22	1023	20
1068	1064	1062	1058	1052	1052	1049	1047	1045	1062	10 48	1098	0 0	1039	21
1070	1068	1062	1059	1059	1057	1058	1059	1059	1067	10 40	1104	0 40	1043	22
1089	1077	1063	1058	1057	1056	1056	1059	1062	1078	10 28	1122	21 12	1055	23
1080	1072	1066	1064	1062	1058	1059	1061	1065	1077	10 50	1117	20 38	1056	†24
1081	1077	1074	1071	1071	1070	1069	1070	1073	1076	11 22	1105	4 52	1058	†25
1076	1072	1070	1067	1058	1063	1062	1063	1060	1075	10 58	1106	19 52	1056	26
1077	1073	1069	1065	1066	1067	1058	1044	1061	1070	11 24	1098	22 44	1041	27
1074	1069	1065	1062	1061	1061	1062	1062	1061	1071	12 22	1105	0 52	1057	28
1057	1057	1056	1059	1059	1059	1062	1064	1065	1063	10 8	1085	5 0	1053	29
1069	1063	1060	1055	1052	1050	1053	1054	1055	1068	10 44	1094	20 0	1049	30
1067	1061	1058	1055	1053	1053	1052	1052	1054	1067					Mean
1074	1068	1065	1062	1061	1059	1059	1059	1062	1070					Mean†

*See footnote on page 101.

†Five international quiet days.

HORIZONTAL FORCE, 1925.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY.

36000Y PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	Y 1054	Y 1054	Y 1053	Y 1054	Y 1057	Y 1056	Y 1059	Y 1066	Y 1081	Y 1090	Y 1093	Y 1089	Y 1081	Y 1072	Y 1066
2†	1061	1061	1061	1061	1062	1061	1061	1069	1082	1094	1101	1101	1098	1093	1089
3	1072	1073	1071	1070	1070	1071	1072	1075	1092	1107	1114	1116	1112	1105	1098
4	1076	1076	1075	1085	1087	1083	1081	1093	1114	1115	1108	1065	1054	1034	999
5	1023	1021	1025	1027	1029	1029	1026	1031	1049	1044	1047	1053	1043	10 9	1039
6	1041	1042	1040	1039	1042	1041	1042	1043	1050	1061	1071	1074	1072	1064	1058
7	1047	1050	1046	1046	1047	1048	1049	1053	1060	1076	1087	1094	1094	1083	1072
8	1055	1053	1047	1047	1047	1048	1050	1057	1067	1081	1084	1086	1081	1074	1061
9	1048	1048	1050	1050	1051	1051	1054	1060	1072	1088	1103	1110	1105	1095	1085
10	1047	1041	1042	1044	1047	1048	1048	1054	1067	1079	1090	1093	1092	1084	1073
11	1049	1048	1046	1045	1044	1045	1051	1063	1079	1091	1096	1097	1091	1085	1075
12†	1047	1047	1047	1046	1047	1047	1051	1060	1070	1080	1087	1088	1086	1081	1070
13	1050	1050	1049	1048	1047	1047	1050	1054	1064	1071	1080	1089	1094	1088	1077
14†	1051	1049	1049	1050	1052	1052	1063	1077	1087	1093	1095	1091	1090	1086	1079
15†	1061	1060	1060	1060	1059	1056	1059	1069	1079	1090	1093	1092	1093	1088	1081
16†	1059	1050	1061	1060	1059	1061	1062	1068	1077	1083	1086	1087	1087	1087	1085
17	1057	1058	1059	1061	1062	1062	1067	1076	1084	1089	1097	1103	1105	1105	1096
18	1067	1070	1069	1071	1072	1072	1077	1079	1089	1110	1126	1127	1125	1123	1119
19	1055	1051	1050	1049	1055	1048	1048	1062	1063	1067	1072	1071	1065	1059	1050
20	1036	1038	1039	1043	1044	1043	1045	1055	1070	1074	1079	1079	1077	1070	1063
21	1057	1061	1060	1059	1059	1058	1063	1075	1090	1107	1114	1115	1107	1098	1085
22	1063	1063	1064	1065	1067	1066	1070	1076	1085	1094	1105	1107	1096	1084	1075
23	1056	1057	1059	1061	1062	1063	1068	1073	1086	1098	1107	1106	1100	1096	1091
24	1059	1060	1062	1060	1061	1059	1059	1068	1083	1100	1111	1113	1107	1099	1092
25	1070	1066	1064	1063	1065	1061	1069	1076	1081	1082	1083	1082	1080	1075	1069
26	1058	1056	1056	1055	1055	1057	1060	1067	1077	1087	1071	1093	1093	1082	1075
27	1061	1060	1062	1063	1062	1067	1073	1079	1084	1102	1103	1106	1109	1104	1094
28	1043	1041	1043	1047	1052	1055	1044	1042	1046	1052	1055	1055	1061	1062	1055
29	1044	1044	1044	1044	1050	1050	1048	1046	1050	1061	1070	1079	1081	1076	1063
30	1065	1060	1061	1167	1060	1051	1058	1063	1070	1085	1102	1105	1101	1098	1083
31	1047	1052	1054	1049	1040	1047	1047	1056	1053	1050	1051	1057	1050	1050	1041
Mean .	1054	1054	1054	1054	1055	1055	1057	1064	1074	1084	1090	1091	1088	1082	1073
Mean† .	1056	1055	1056	1056	1056	1055	1059	1069	1079	1088	1092	1092	1091	1087	1081

JUNE.

1	1043	1041	1042	1044	1044	1040	1046	1049	1064	1079	1089	1094	1088	1077	1068
2	1039	1043	1042	1045	1047	1043	1045	1059	1073	1091	1103	1095	1085	1076	1060
3	1050	1051	1050	1053	1056	1043	1046	1061	1065	1064	1059	1070	1074	1072	1058
4	1056	1054	1051	1045	1046	1044	1053	1063	1070	1072	1080	1074	1063	1058	1064
5	1059	1056	1053	1054	1053	1054	1056	1067	1073	1076	1080	1075	1075	1070	1068
6	1057	1057	1057	1057	1055	1057	1066	1078	1088	1102	1109	1110	1107	1098	1087
7	1053	1051	1048	1047	1049	1052	1059	1072	1081	1085	1089	1091	1081	1077	1070
8†	1053	1054	1055	1055	1054	1056	1061	1069	1081	1090	1095	1091	1089	1083	1074
9†	1052	1052	1052	1054	1057	1057	1061	1068	1076	1085	1092	1092	1091	1088	1080
10	1060	1060	1059	1057	1056	1056	1061	1073	1085	1091	1098	1104	1111	1111	1102
11	1053	1055	1055	1055	1054	1057	1065	1073	1080	1093	1103	1103	1099	1089	1078
12	1048	1046	1043	1047	1063	1057	1058	1062	1073	1075	1076	1080	1085	1084	1075
13	1047	1047	1047	1050	1052	1054	1059	1060	1073	1097	1126	1101	1059	1025	1023
14	1030	1037	1037	1034	1037	1032	1043	1056	1060	1055	1062	1069	1069	1067	1057
15	1039	1039	1039	1039	1041	1050	1058	1063	1068	1081	1090	1095	1093	1091	1081
16	1052	1051	1052	1056	1060	1064	1071	1073	1074	1083	1094	1094	1087	1070	1065
17	1051	1049	1050	1051	1048	1055	1059	1060	1059	1060	1067	1065	1071	1072	1066
18	1050	1050	1050	1050	1050	1053	1053	1052	1060	1067	1073	1076	1066	1072	1067
19†	1058	1058	1057	1057	1054	1058	1060	1062	1065	1073	1080	1081	1078	1075	1069
20†	1059	1059	1058	1057	1059	1062	1064	1070	1075	1084	1093	1093	1093	1090	1084
21†	1064	1065	1065	1065	1066	1068	1075	1085	1096	1108	1119	1121	1114	1106	1095
22	1070	1070	1070	1070	1071	1072	1079	1084	1096	1106	1112	1119	1118	1110	1097
23	1080	1081	1081	1079	1081	1075	1088	1102	1116	1106	1103	1110	1109	1107	1073
24	1052	1052	1053	1054	1054	1052	1053	1065	1074	1084	1093	1091	1087	1085	1079
25	1047	1059	1081	1072	1048	1035	1044	1035	1031	1020	1043	1051	1051	1054	1052
26	1038	1040	1043	1048	1046	1045	1047	1055	1052	1068	1073	1072	1069	1065	1064
27	1044	1045	1045	1047	1047	1053	1055	1064	1071	1080	1091	1094	1090	1088	1081
28	1039	1038	1041	1061	1058	1051	1045	1058	1056	1065	1053	1053	1065	1065	1067
29	1043	1047	1050	1050	1051	1050	1053	1056	1065	1073	1086	1088	1090	1086	1075
30	1055	1054	1054	1053	1048	1047	1051	1061	1070	1080	1086	1076	1069	1081	1072
Mean .	1051	1052	1053	1054	1053	1053	1058	1065	1073	1080	1087	1088	1084	1080	1072
Mean† .	1057	1058	1057	1057	1058	1060	1064	1071	1079	1088	1096	1096	1093	1088	1080

† Five international quiet days.

MAY.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

36000γ PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
1066	1065	1063	1059	1058	1058	1058	1058	1059	1065	10 18	1094	2 20	1052	1
1084	1078	1071	1064	1062	1063	1063	1064	1065	1074	10 18	1102	0 16	1058	†2
1092	1086	1080	1076	1073	1076	1076	1075	1075	1085	11 26	1116	0 4	1067	3
974	993	999	1003	995	965	9-9	1010	1023	1045	9 54	1123	20 40	959	4
1036	1033	1026	1028	1024	1032	1039	1042	1043	1035	10 52	1058	19 12	1021	5
1059	1058	1052	1045	1045	1046	1047	1046	1045	1051	11 44	1077	3 24	1037	6
1965	1055	1053	1049	1048	1048	1049	1053	1057	1060	11 42	1095	0 0	1044	7
1055	1055	1049	1051	1051	1051	1051	1050	1052	1058	10 32	1087	5 22	1046	8
1075	1067	1057	1050	1048	1041	1041	1039	1049	1064	11 32	1111	23 8	1036	9
1062	1054	1050	1049	1047	1047	1046	1046	1048	1058	11 20	1095	1 20	1039	10
1064	1054	1047	1046	1046	1046	1046	1047	1047	1060	11 0	1098	5 4	1044	11
1069	1051	1048	1049	1049	1048	1047	1048	1050	1059	10 56	1089	3 0	1045	†12
1069	1064	1059	1055	1056	1054	1053	1053	1052	1061	12 30	1095	5 4	1046	13
1073	1067	1062	1056	1052	1054	1056	1058	1059	1067	10 30	1095	1 40	1049	†14
1075	1067	1063	1059	1059	1058	1057	1057	1057	1069	12 20	1096	5 40	1055	†15
1078	1069	1064	1059	1058	1057	1055	1057	1057	1068	11 38	1087	22 0	1055	†16
1085	1076	1073	1070	1069	1067	1067	1068	1068	1076	12 38	1106	0 0	1055	17
1094	1076	1064	1058	1058	1057	1057	1058	1056	1082	12 4	1131	23 44	1056	18
1040	1031	1028	1026	1029	1035	1034	1036	1035	1048	10 30	1075	18 58	1025	19
1056	1051	1053	1057	1057	1057	1057	1056	1057	1057	11 0	1080	0 12	1035	20
1071	1060	1056	1058	1058	1055	1055	1060	1062	1073	11 52	1116	16 36	1054	21
1070	1064	1055	1050	1056	1056	1058	1058	1058	1071	11 25	1110	18 18	1049	22
1082	1073	1066	1066	1067	1067	1066	1063	1061	1075	10 30	1109	0 24	1055	23
1083	1081	1072	1064	1064	1067	1072	1075	1075	1077	10 42	1115	0 22	1056	24
1059	1057	1055	1050	1048	1048	1054	1057	1056	1065	9 12	1084	19 44	1047	25
1067	1065	1057	1056	1059	1059	1058	1058	1063	1067	12 6	1095	18 12	1053	26
1080	1069	1060	1053	1049	1043	1040	1037	1040	1071	12 38	1113	22 46	1036	27
1049	1047	1042	1044	1044	1043	1042	1040	1044	1048	13 22	1065	1 20	1036	28
1054	1052	1047	1048	1050	1052	1059	1063	1066	1056	11 46	1081	1 20	1041	29
1070	1060	1049	1050	1058	1054	1049	1052	1059	1068	11 48	1111	17 44	1046	30
1034	1030	1040	1044	1039	1034	1036	1039	1044	1045	12 36	1063	16 28	1028	31
1064	1058	1053	1051	1051	1050	1051	1052	1054	1063					Mean.
1074	1067	1062	1057	1056	1056	1056	1057	1057	1067					Mean.†

JUNE.

1056	1047	1029	1028	1028	1042	1038	1039	1038	1052	11 36	1099	19 4	1024	1
1058	1051	1050	1049	1050	1052	1056	1057	1058	1060	10 48	1106	0 4	1038	2
1050	1057	1051	1045	1045	1043	1047	1047	1051	1055	12 4	1078	5 40	1037	3
1063	1058	1051	1049	1054	1053	1050	1053	1062	1058	10 22	1082	5 18	1043	4
1064	1059	1054	1051	1055	1051	1051	1052	1054	1061	10 28	1085	18 42	1049	5
1077	1064	1063	1061	1056	1042	1039	1048	1051	1070	11 38	1112	20 52	1030	6
1061	1053	1049	1046	1044	1046	1055	1052	1053	1061	10 50	1093	20 18	1042	7
1064	1054	1049	1049	1048	1048	1049	1051	1053	1063	10 10	1098	20 6	1047	†8
1078	1070	1060	1057	1058	1060	1059	1063	1064	1168	11 0	1093	0 0	1051	†9
1086	1072	1061	1056	1055	1051	1049	1053	1054	1071	13 4	1113	21 0	1046	10
1064	1056	1052	1048	1048	1047	1046	1046	1047	1065	10 46	1105	22 0	1046	11
1063	1047	1037	1037	1040	1042	1043	1046	1047	1057	12 54	1087	17 38	1036	12
1005	980	979	999	988	993	1005	1021	1029	1038	10 08	1134	16 46	970	13
1048	1043	1042	1039	1040	1040	1041	1041	1040	1046	12 48	1071	0 24	1028	14
1067	1056	1042	1043	1046	1051	1051	1046	1045	1059	11 18	1097	17 46	1038	15
1057	1055	1053	1050	1047	1043	1052	1055	1055	1063	11 0	1097	20 56	1040	16
1060	1053	1045	1045	1048	1052	1051	1052	1054	1056	13 42	1074	17 52	1040	17
1057	1050	1051	1053	1051	1055	1055	1055	1056	1057	11 28	1081	16 18	1048	18
1057	1052	1051	1052	1054	1055	1057	1058	1058	1061	10 52	1084	17 48	1049	†19
1078	1072	1063	1060	1061	1062	1062	1063	1064	1070	11 0	1097	3 20	1056	†20
1085	1077	1072	1068	1069	1069	1069	1070	1071	1082	11 20	1122	0 28	1061	†21
1085	1076	1076	1078	1078	1081	1082	1085	1085	1087	12 22	1121	0 56	1069	22
1045	1028	1015	1028	1034	1030	1041	1046	1051	1071	8 52	1123	17 28	1010	23
1069	1059	1050	1043	1055	1049	1044	1049	1055	1062	10 22	1096	18 52	1039	24
1045	1037	1037	1035	1025	1025	1036	1027	1036	1043	2 0	1101	20 8	1015	25
1059	1046	1037	1040	1039	1040	1043	1039	1039	1051	10 40	1075	17 16	1034	26
1062	1039	1029	1034	1025	1025	1045	1045	1043	1056	11 04	1097	20 16	1014	27
1050	1043	1035	1033	1038	1038	1041	1053	1047	1050	14 31	1071	18 46	1028	28
1065	1052	1057	1050	1051	1056	1054	1052	1050	1061	12 42	1092	0 44	1042	29
1064	1051	1051	1053	1052	1055	1063	1057	1055	1061	10 48	1089	5 42	1044	30
1061	1052	1046	1046	1046	1046	1049	1051	1052	1061					Mean.
1072	1065	1059	1057	1058	1059	1059	1061	1062	1069					Mean.†

*See footnote on page 101.

†Five international quiet days.

JULY.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)
36000γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1054	1056	1056	1055	1055	1055	1056	1057	1061	1073	1085	1088	1088	1085	1078
2	1050	1053	1051	1051	1063	1062	1068	1073	1075	1082	1092	1098	1097	1092	1079
3	1058	1054	1052	1054	1056	1060	1057	1059	1067	1074	1078	1073	1072	1071	1069
4	1057	1057	1057	1057	1055	1055	1059	1063	1068	1081	1093	1096	1091	1085	1079
5	1062	1062	1061	1063	1064	1066	1069	1077	1087	1102	1110	1114	1114	1118	1109
6	1061	1058	1057	1057	1058	1061	1069	1076	1092	1105	1104	1101	1098	1087	1077
7	1061	1059	1059	1059	1060	1060	1061	1066	1073	1084	1095	1102	1102	1097	1089
8	1061	1062	1061	1063	1063	1063	1068	1080	1094	1115	1135	1146	1137	1121	1106
9	1065	1066	1067	1067	1065	1066	1069	1077	1087	1121	1129	1123	1124	1113	1099
10	1074	1066	1065	1069	1071	1076	1085	1097	1012	1127	1140	1135	1131	1118	1105
11	1049	1041	1036	1037	1041	1044	1051	1057	1065	1069	1077	1077	1072	1063	1071
12	1052	1053	1051	1063	1047	1048	1050	1055	1062	1069	1073	1079	1082	1082	1079
†13	1059	1059	1058	1060	1059	1059	1066	1078	1091	1103	1111	1121	1120	1115	1102
14	1059	1061	1063	1063	1059	1059	1066	1074	1084	1092	1096	1093	1088	1083	1078
15	1068	1084	1089	1071	1064	1055	1061	1055	1051	1047	1054	1066	1069	1073	1069
†16	1048	1048	1049	1049	1049	1049	1057	1062	1064	1066	1069	1076	1081	1080	1077
†17	1058	1057	1058	1058	1058	1058	1063	1070	1078	1087	1093	1100	1099	1097	1090
†18	1061	1063	1064	1065	1067	1070	1075	1077	1083	1093	1106	1114	1117	1113	1106
19	1067	1068	1070	1070	1072	1075	1074	1082	1091	1102	1108	1114	1116	1113	1107
†20	1063	1063	1061	1063	1063	1063	1068	1075	1084	1093	1099	1104	1105	1100	1092
21	1066	1066	1066	1068	1068	1071	1080	1090	1099	1104	1106	1103	1101	1100	1106
22	1056	1058	1061	1059	1063	1066	1068	1072	1075	1078	1084	1087	1086	1063	1042
23	1057	1058	1058	1061	1064	1064	1071	1078	1092	1103	1100	1098	1094	1085	1074
24	1058	1058	1059	1060	1062	1065	1070	1079	1085	1090	1094	1099	1096	1092	1078
25	1059	1061	1061	1064	1069	1068	1071	1079	1093	1106	1113	1119	1114	1107	1099
26	1069	1063	1065	1066	1077	1076	1086	1089	1098	1119	1134	1110	1085	1059	1072
27	1062	1060	1064	1060	1057	1061	1066	1071	1069	1075	1086	1090	1084	1083	1074
28	1058	1057	1072	1063	1061	1064	1061	1057	1067	1079	1087	1076	1068	1073	1072
29	1066	1058	1057	1063	1064	1060	1064	1068	1074	1079	1091	1097	1099	1090	1077
30	1066	1064	1060	1059	1061	1061	1063	1066	1067	1076	1081	1086	1094	1093	1081
31	1063	1064	1065	1065	1064	1066	1069	1075	1076	1085	1096	1102	1105	1100	1090
Mean . .	1060	1060	1060	1061	1061	1062	1066	1072	1079	1090	1097	1100	1098	1092	1085
Mean† . .	1053	1058	1058	1059	1059	1060	1064	1073	1080	1088	1096	1103	1104	1101	1093

AUGUST.

1	1066	1065	1063	1066	1065	1067	1073	1079	1089	1094	1099	1099	1097	1092	1083
2	1061	1059	1058	1063	1059	1059	1065	1067	1071	1078	1082	1082	1078	1072	1068
3	1067	1067	1067	1067	1067	1068	1069	1079	1087	1101	1110	1113	1113	1110	1106
4	1079	1075	1058	1062	1054	1052	1051	1057	1068	1083	1093	1086	1081	1073	1060
5	1074	1065	1056	1052	1054	1056	1058	1058	1065	1075	1080	1087	1091	1089	1083
6	1063	1065	1065	1063	1062	1063	1064	1071	1084	1101	1105	1114	1114	1108	1105
7	1077	1073	1067	1066	1063	1063	1069	1082	1096	1105	1115	1109	1092	1070	1041
8	1035	1037	1040	1053	1057	1057	1052	1056	1058	1063	1069	1083	1080	1074	1065
9	1046	1047	1053	1062	1056	1051	1052	1056	1069	1084	1092	1099	1098	1081	1055
10	1045	1049	1051	1055	1056	1054	1055	1063	1070	1077	1082	1083	1091	1089	1077
†11	1051	1054	1054	1057	1057	1057	1059	1067	1073	1076	1083	1090	1093	1087	1080
†12	1060	1060	1059	1060	1060	1060	1065	1076	1089	1096	1099	1099	1096	1097	1090
†13	1066	1066	1065	1064	1064	1063	1069	1080	1086	1094	1105	1108	1106	1101	1094
14	1068	1066	1066	1066	1067	1068	1068	1071	1081	1096	1113	1124	1125	1122	1110
†15	1066	1066	1063	1063	1063	1068	1074	1082	1089	1098	1110	1116	1116	1113	1106
16	1075	1071	1068	1071	1071	1071	1077	1088	1101	1110	1117	1123	1122	1116	1107
17	1092	1099	1093	1089	1086	1085	1090	1099	1111	1125	1127	1131	1128	1117	1098
18	1055	1055	1059	1059	1060	1063	1059	1062	1069	1070	1082	1080	1081	1077	1068
19	1052	1065	1056	1055	1068	1067	1057	1055	1064	1070	1075	1077	1071	1055	1061
20	1060	1061	1061	1061	1060	1061	1061	1062	1070	1082	1088	1088	1088	1082	1071
21	1060	1059	1058	1057	1058	1061	1062	1065	1074	1086	1095	1101	1096	1088	1077
22	1065	1065	1069	1020	1074	1071	1063	1063	1073	1087	1091	1087	1081	1080	1071
23	1078	1067	1072	1066	1070	1036	1032	1022	1018	1013	1011	1018	1024	1022	1018
24	1064	1059	1061	1075	1068	1067	1068	1075	1083	1087	1087	1092	1089	1082	1073
25	1062	1055	1054	1054	1055	1059	1059	1068	1086	1103	1114	1116	1111	1098	1082
26	1063	1065	1063	1074	1071	1064	1067	1072	1079	1095	1111	1115	1109	1099	1085
27	1056	1050	1059	1067	1063	1062	1064	1074	1094	1116	1122	1121	1113	1103	1093
†28	1062	1062	1062	1063	1063	1067	1070	1076	1090	1106	1125	1131	1127	1115	1100
29	1070	1071	1074	1076	1073	1073	1073	1078	1094	1115	1126	1128	1123	1115	1102
30	1075	1072	1075	1075	1084	1062	1063	1067	1066	1076	1080	1083	1083	1080	1069
31	1063	1063	1060	1062	1062	1061	1058	1059	1074	1089	1104	1110	1111	1107	1098
Mean . .	1064	1063	1062	1065	1064	1063	1063	1069	1078	1089	1097	1100	1098	1191	1081
Mean† . .	1061	1061	1061	1061	1061	1063	1067	1076	1085	1094	1104	1109	1107	1103	1094

†Five international quiet days.

JULY.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

36000γ PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
1066	1055	1049	1050	1046	1047	1052	1059	1051	1061	11 16	1090	19 18	1045	1
1066	1057	1057	1061	1060	1058	1059	1061	1063	1068	11 40	1100	0 20	1047	2
1062	1052	1049	1052	1054	1055	1055	1055	1057	1060	10 24	1079	17 12	1048	3
1070	1065	1064	1061	1059	1059	1059	1060	1062	1067	11 0	1099	4 20	1055	4
1097	1083	1063	1061	1059	1059	1058	1058	1064	1079	13 8	1121	21 16	1057	5
1067	1061	1057	1055	1055	1054	1057	1061	1061	1071	9 44	1109	19 48	1054	6
1078	1066	1059	1058	1059	1061	1061	1062	1062	1071	11 52	1104	18 32	1058	7
1086	1072	1066	1064	1065	1062	1063	1064	1065	1083	11 32	1147	0 0	1060	8
1082	1077	1079	1076	1082	1078	1080	1083	1077	1086	10 8	1131	0 0	1064	9
1092	1082	1077	1075	1075	1077	1079	1070	1068	1090	10 24	1145	1 56	1053	10
1071	1060	1056	1051	1049	1049	1050	1051	1053	1056	11 4	1079	1 56	1035	11
1073	1068	1064	1060	1060	1057	1055	1056	1058	1063	12 56	1084	4 20	1046	12
1085	1076	1071	1067	1063	1063	1062	1062	1062	1078	11 48	1124	2 32	1056	†13
1070	1066	1064	1061	1061	1060	1060	1061	1064	1070	10 56	1097	4 20	1058	14
1023	1026	1021	1031	1039	1042	1042	1043	1046	1053	1 34	1087	16 36	1018	15
1069	1060	1058	1057	1057	1056	1057	1056	1058	1061	12 44	1082	0 6	1042	†16
1080	1070	1062	1060	1060	1059	1060	1061	1061	1071	11 36	1100	1 0	1057	†17
1097	1083	1077	1076	1076	1076	1072	1071	1070	1082	12 20	1118	0 8	1060	†18
1094	1030	1071	1064	1060	1059	1059	1058	1064	1081	12 56	1118	22 28	1056	19
1081	1066	1058	1063	1063	1067	1067	1067	1067	1075	11 56	1106	17 30	1055	†20
1098	1077	1070	1060	1053	1052	1052	1054	1054	1077	14 40	1108	22 28	1036	21
1047	1051	1049	1050	1057	1058	1059	1058	1060	1063	12 0	1088	14 44	1039	22
1062	1060	1055	1059	1060	1056	1056	1066	1059	1071	9 48	1104	17 4	1053	23
1063	1055	1058	1060	1059	1056	1057	1059	1059	1070	11 28	1101	16 40	1053	24
1089	1073	1060	1061	1065	1067	1068	1074	1069	1080	11 36	1121	0 0	1057	25
1058	1052	1051	1048	1051	1051	1056	1056	1062	1073	10 32	1139	18 20	1042	26
1067	1053	1049	1062	1059	1056	1070	1067	1058	1067	11 30	1091	17 4	1042	27
1066	1054	1051	1050	1051	1054	1058	1058	1061	1063	10 30	1090	18 56	1045	28
1072	1071	1066	1063	1062	1062	1063	1062	1065	1071	11 36	1099	2 8	1053	29
1070	1061	1056	1057	1057	1058	1062	1063	1063	1067	12 44	1096	17 0	1055	30
1086	1083	1072	1065	1063	1061	1063	1065	1065	1075	12 12	1106	0 24	1059	31
1074	1065	1060	1059	1059	1059	1060	1061	1061	1071					Mean.
1082	1071	1065	1065	1064	1063	1064	1063	1063	1073					Mean.†

AUGUST.

1078	1068	1054	1056	1060	1059	1065	1056	1062	1073	11 36	1101	17 52	1049	1
1069	1067	1065	1063	1063	1062	1063	1066	1068	1067	10 40	1083	2 20	1055	2
1100	1096	1089	1084	1081	1082	1081	1076	1076	1086	12 52	1115	0 52	1064	3
1058	1059	1055	1057	1060	1056	1057	1059	1069	1065	10 40	1095	6 8	1050	4
1076	1072	1067	1063	1063	1063	1062	1064	1062	1068	12 38	1092	3 12	1050	5
1097	1088	1081	1079	1079	1079	1078	1075	1077	1083	11 56	1117	4 20	1061	6
1099	984	973	998	1004	1020	1032	1033	1035	1052	11 4	1116	17 8	969	7
1053	1048	1043	1042	1045	1048	1044	1047	1056	1055	11 36	1086	0 0	1033	8
1046	1053	1046	1049	1050	1049	1052	1053	1050	1060	11 40	1101	0 40	1042	9
1067	1059	1052	1052	1052	1054	1053	1053	1053	1062	12 52	1093	0 12	1044	10
1071	1066	1063	1061	1060	1056	1057	1058	1058	1066	12 16	1094	0 16	1050	†11
1083	1075	1068	1065	1063	1063	1064	1065	1065	1074	10 56	1099	2 0	1058	†12
1085	1075	1068	1065	1064	1064	1064	1063	1067	1077	11 8	1109	5 20	1062	†13
1098	1091	1083	1079	1075	1071	1070	1070	1068	1084	12 16	1127	3 0	1063	14
1096	1086	1080	1077	1077	1077	1077	1078	1080	1084	11 16	1117	3 52	1059	†15
1095	1086	1082	1083	1082	1083	1089	1093	1094	1091	11 32	1124	2 20	1067	16
1079	1069	1070	1072	1056	1040	1045	1043	1054	1087	11 32	1131	20 48	1037	17
1061	1058	1050	1041	1034	1039	1046	1054	1056	1060	10 52	1083	19 28	1030	18
1058	1056	1060	1060	1059	1059	1060	1060	1061	1062	11 32	1079	7 12	1047	19
1063	1056	1055	1060	1057	1059	1061	1062	1063	1066	11 0	1090	16 40	1054	20
1060	1052	1047	1049	1049	1051	1056	1060	1064	1066	11 40	1101	17 24	1046	21
1063	1055	1048	1051	1065	1067	1063	1064	1067	1069	10 16	1093	17 20	1048	22
1017	1050	1050	1041	1043	1052	1071	1070	1067	1043	0 20	1083	10 48	1068	23
1063	1052	1050	1050	1050	1049	1050	1055	1060	1067	11 56	1094	18 4	1048	24
1075	1072	1068	1070	1067	1063	1066	1070	1066	1075	11 0	1117	2 0	1054	25
1074	1065	1060	1055	1058	1060	1062	1060	1059	1074	11 8	1117	18 4	1055	26
1081	1071	1065	1065	1061	1060	1059	1061	1062	1077	11 12	1123	1 28	1048	27
1090	1081	1073	1072	1069	1069	1070	1071	1073	1083	11 32	1131	4 36	1061	†28
1091	1083	1078	1073	1074	1075	1075	1075	1074	1087	10 40	1129	0 20	1068	29
1056	1053	1062	1062	1063	1061	1061	1061	1062	1069	4 40	1085	16 4	1040	30
1086	1074	1067	1066	1064	1063	1076	1073	1064	1076	12 8	1113	7 8	1054	31
1071	1065	1061	1060	1060	1060	1062	1063	1064	1071					Mean.
1085	1077	1071	1068	1067	1066	1066	1067	1069	1077					Mean.†

*See footnote on page 101.

†Five international quiet days.

SEPTEMBER. (Averages for periods of sixty minutes from full hour to full hour of local mean time.) 36000 γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ.	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1057	1061	1060	1060	1060	1064	1061	1067	1073	1091	1097	1099	1097	1092	1091
2	1054	1084	1047	1044	1046	1039	1038	1038	1021	1016	1038	1061	1074	1070	1045
3	1038	1040	1041	1040	1040	1041	1043	1042	1051	1058	1068	1075	1071	1065	1051
4	1053	1055	1059	1058	1051	1048	1040	1046	1063	1079	1093	1089	1089	1083	1074
5	1058	1057	1061	1062	1062	1061	1057	1059	1072	1084	1079	1077	1077	1079	1079
6	1068	1067	1063	1061	1060	1058	1055	1054	1072	1090	1103	1103	1102	1098	1097
7	1069	1088	1068	1076	1073	1067	1067	1071	1074	1081	1088	1085	1084	1085	1085
8	1041	1041	1041	1055	1049	1051	1053	1055	1063	1073	1081	1088	1089	1086	1083
9	1063	1062	1060	1061	1061	1062	1059	1063	1075	1087	1094	1095	1096	1089	1077
10†	1046	1049	1049	1060	1055	1051	1048	1046	1056	1076	1089	1093	1094	1093	1087
11†	1066	1067	1069	1069	1073	1072	1069	1064	1076	1094	1105	1110	1105	1095	1088
12†	1072	1072	1072	1072	1073	1073	1072	1076	1089	1101	1111	1116	1113	1106	1098
13	1077	1078	1079	1077	1079	1079	1075	1072	1077	1088	1096	1101	1103	1102	1101
14	1080	1084	1078	1083	1089	1088	1093	1096	1087	1091	1092	1086	1083	1057	1039
15	1042	1026	1035	1055	1045	1033	1015	1010	1011	1020	1013	1016	1013	1005	1000
16	1028	1035	1041	1047	1051	1037	1038	1045	1054	1063	1064	1059	1067	1065	1056
17	1046	1047	1051	1048	1053	1045	1041	1045	1047	1061	1067	1070	1077	1071	1069
18	1050	1048	1044	1045	1046	1047	1045	1043	1046	1056	1068	1080	1085	1085	1076
19	1055	1059	1057	1056	1059	1059	1053	1054	1069	1081	1093	1098	1098	1089	1078
20	1054	1055	1058	1059	1061	1060	1054	1047	1054	1065	1077	1083	1090	1077	1063
21	1067	1065	1066	1067	1067	1070	1071	1122	1131	1138	1111	1047	1002	985	1006
22	998	1003	1008	1014	1012	1012	1016	1023	1035	1044	1055	1058	1043	1034	1040
23	1038	1037	1041	1042	1040	1037	1032	1028	1034	1047	1056	1062	1060	1056	1051
24	1049	1043	1050	1053	1052	1055	1087	1061	1037	1037	1055	1042	1015	1002	1012
25	1009	1036	1042	1021	1005	1010	1018	1032	1055	1066	1068	1067	1054	1058	1052
26	1035	1036	1035	1036	1040	1041	1042	1045	1060	1080	1092	1099	1095	1088	1076
27	1047	1046	1046	1045	1047	1047	1040	1033	1041	1064	1086	1094	1084	1072	1061
28	1052	1052	1052	1053	1055	1054	1049	1053	1077	1101	1109	1112	1103	1087	1077
29†	1057	1053	1054	1052	1052	1053	1051	1050	1060	1079	1092	1099	1098	1094	1086
30†	1059	1058	1057	1058	1058	1061	1059	1056	1062	1079	1095	1105	1101	1094	1082
Mean . . .	1051	1053	1053	1054	1054	1053	1051	1053	1061	1073	1081	1082	1079	1072	1066
Mean† . . .	1060	1060	1060	1064	1062	1062	1060	1058	1069	1086	1099	1105	1102	1096	1088

OCTOBER.

1	1060	1061	1060	1060	1061	1059	1055	1052	1078	1099	1124	1127	1125	1116	1105
2†	1078	1079	1076	1068	1065	1059	1055	1058	1065	1078	1102	1092	1100	1096	1087
3†	1064	1064	1063	1064	1064	1064	1057	1057	1069	1085	1096	1099	1096	1088	1081
4	1068	1067	1067	1069	1067	1066	1056	1051	1052	1065	1078	1080	1082	1077	1069
5	1063	1062	1083	1065	1051	1052	1053	1055	1063	1077	1092	1085	1081	1075	1052
6	1057	1058	1059	1057	1063	1061	1057	1061	1062	1075	1091	1091	1088	1080	1061
7	1059	1063	1063	1067	1071	1071	1072	1079	1092	1107	1118	1123	1117	1110	1098
8	1065	1066	1068	1070	1071	1071	1069	1067	1075	1092	1109	1115	1105	1090	1079
9	1077	1063	1070	1072	1050	1034	1030	1029	1020	1022	1047	1073	1075	1066	1081
10	1029	1032	1047	1038	1031	1047	1042	1051	1062	1065	1072	1083	1077	1064	1049
11	1047	1047	1048	1052	1055	1054	1054	1061	1062	1056	1067	1072	1071	1070	1056
12	1042	1051	1062	1051	1048	1050	1039	1042	1058	1066	1071	1071	1068	1063	1045
13	1041	1047	1050	1051	1051	1053	1049	1048	1052	1057	1060	1073	1067	1056	1044
14	1044	1048	1055	1058	1058	1053	1050	1047	1049	1058	1073	1078	1078	1062	1053
15	1053	1054	1055	1055	1054	1057	1059	1064	1071	1078	1089	1096	1089	1067	1063
16	1047	1055	1067	1064	1060	1061	1059	1054	1063	1067	1074	1077	1073	1074	1063
17	1059	1060	1059	1055	1059	1061	1062	1066	1077	1087	1107	1117	1106	1091	1072
18†	1060	1059	1057	1061	1063	1062	1055	1054	1069	1085	1101	1113	1112	1094	1078
19	1066	1067	1067	1069	1071	1073	1073	1078	1092	1107	1114	1119	1115	1104	1090
20	1063	1068	1063	1064	1065	1065	1065	1076	1094	1099	1103	1112	1102	1089	1086
21	1069	1067	1064	1062	1064	1066	1073	1078	1090	1103	1111	1109	1098	1080	1067
22	989	1012	1016	1023	1017	1016	1024	1020	1033	1038	1043	1059	1059	1045	1035
23	1049	1045	1044	1049	1048	1052	1058	1066	1085	1089	1090	1093	1093	1086	1078
24	994	972	976	1008	1009	1005	992	990	1003	977	979	991	983	991	1012
25	1038	1031	1035	1031	1033	1035	1033	1030	1042	1068	1085	1096	1090	1075	1067
26	1039	1041	1047	1046	1045	1045	1052	1063	1075	1096	1110	1112	1104	1087	1079
27	1051	1057	1056	1059	1057	1058	1065	1075	1086	1097	1112	1119	1110	1100	1092
28	1061	1061	1055	1061	1057	1056	1057	1060	1070	1082	1097	1107	1101	1091	1082
29†	1060	1060	1059	1059	1063	1064	1068	1075	1080	1091	1101	1106	1097	1088	1078
30†	1063	1064	1067	1067	1069	1074	1081	1096	1110	1119	1126	1124	1118	1104	1090
31	1072	1073	1074	1075	1076	1077	1082	1096	1111	1126	1138	1137	1132	1118	1110
Mean . . .	1053	1053	1056	1057	1055	1055	1054	1058	1068	1078	1090	1095	1091	1081	1071
Mean† . . .	1065	1065	1065	1064	1065	1065	1068	1068	1079	1091	1105	1107	1105	1094	1083

†Five international quiet days.

HORIZONTAL FORCE, 1925.

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(Averages for periods of sixty minutes from full hour to full hour of local mean time.)
SEPTEMBER. 36000γ PLUS TABULAR QUANTITIES

Hours.									*Mean.	Maximum.		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
1087	1079	1073	1072	1071	1071	1071	1089	1100	1077	23 16	1116	0 20	1054	1
1022	1005	1018	1026	1026	1027	1030	1030	1034	1039	12 52	1037	16 24	1000	2
1049	1044	1046	1051	1057	1056	1063	1059	1051	1052	11 40	1077	0 0	1037	3
1070	1064	1059	1056	1054	1049	1057	1058	1057	1063	10 32	1099	6 49	1039	4
1078	1077	1071	1066	1065	1063	1058	1052	1058	1067	9 56	1086	22 44	1049	5
1084	1078	1072	1069	1064	1064	1066	1070	1069	1074	11 44	1104	6 52	1053	6
1084	1070	1050	1047	1038	1035	1028	1030	1047	1065	11 20	1088	21 20	1022	7
1081	1074	1068	1065	1064	1063	1063	1063	1062	1065	12 24	1091	1 10	1039	8
1071	1064	1059	1051	1042	1043	1046	1053	1051	1065	11 48	1097	20 8	1040	9
1080	1074	1068	1065	1065	1063	1063	1065	1057	1067	13 0	1096	0 24	1043	†10
1080	1073	1073	1072	1071	1071	1071	1070	1071	1078	11 24	1111	7 28	1063	†11
1087	1081	1077	1077	1075	1075	1073	1074	1075	1084	11 20	1117	0 0	1071	†12
1095	1090	1084	1080	1077	1076	1076	1077	1077	1084	12 16	1105	7 8	1070	13
1059	1078	1078	1050	1049	1037	1040	1046	1027	1070	7 12	1098	23 36	1016	14
1000	1003	998	995	1007	1041	1025	1022	1019	1018	3 28	1059	18 16	985	15
1017	1017	1031	1031	1035	1038	1038	1045	1047	1044	10 20	1068	16 0	1005	16
1048	1031	1021	1027	1030	1039	1042	1043	1043	1049	12 36	1079	17 44	1017	17
1064	1054	1056	1053	1051	1048	1046	1048	1050	1056	13 0	1086	7 20	1043	18
1066	1053	1048	1051	1051	1052	1057	1052	1054	1064	1 28	1099	17 16	1046	19
1065	1066	1065	1065	1066	1065	1065	1064	1065	1065	12 16	1092	7 36	1046	20
1017	1022	999	997	995	996	1000	1003	1003	1042	9 4	1144	13 16	968	21
1035	1033	1034	1037	1034	1045	1033	1030	1031	1030	11 48	1060	0 20	995	22
1048	1041	1045	1049	1050	1050	1049	1049	1049	1046	11 28	1063	7 24	1027	23
995	979	990	1011	1007	1001	1014	1004	997	1026	6 56	1135	16 20	974	24
1046	1042	1035	1028	1029	1027	1028	1040	1033	1038	11 8	1071	4 16	1003	25
1067	1063	1057	1055	1053	1051	1047	1049	1049	1058	11 28	1101	0 0	1034	26
1061	1053	1054	1052	1052	1049	1049	1051	1051	1055	11 16	1095	6 48	1032	27
1068	1065	1063	1061	1058	1057	1054	1054	1059	1068	11 18	1112	6 48	1046	28
1073	1065	1063	1062	1059	1057	1058	1058	1059	1066	11 44	1103	7 4	1049	†29
1075	1072	1070	1066	1062	1061	1057	1056	1056	1069	11 24	1105	7 40	1055	†30
1059	1054	1051	1050	1049	1049	1049	1050	1050	1058					Mean.
1079	1073	1070	1068	1066	1065	1064	1065	1066	1073					Mean.†

OCTOBER.

1099	1097	1094	1084	1082	1076	1072	1072	1072	1083	10 44	1129	7 16	1051	1
1080	1071	1069	1067	1064	1062	1062	1062	1062	1073	10 24	1109	6 56	1055	†2
1078	1073	1073	1072	1070	1067	1068	1068	1068	1073	11 32	1100	7 0	1056	†3
1066	1069	1068	1061	1061	1061	1059	1061	1067	1066	11 20	1086	7 10	1049	4
1041	1038	1027	1019	1043	1046	1047	1052	1056	1057	10 40	1095	18 12	1013	5
1053	1055	1064	1065	1062	1062	1063	1060	1058	1065	11 0	1095	15 40	1051	6
1090	1082	1075	1067	1063	1061	1061	1063	1063	1081	11 20	1134	0 0	1058	7
1088	1093	1088	1078	1080	1080	1078	1080	1082	1082	11 40	1117	0 0	1063	8
1060	1051	1037	1028	1027	1028	1024	1015	1033	1045	3 24	1104	22 36	1009	9
1046	1040	1038	1035	1033	1036	1037	1048	1051	1048	11 36	1086	0 56	1025	10
1037	1033	1023	1007	1010	1021	1030	1029	1034	1046	11 44	1075	18 52	999	11
1039	1024	1023	1034	1039	1044	1042	1072	1053	1050	22 36	1093	16 20	1013	12
1037	1050	1056	1060	1057	1057	1056	1043	1039	1052	11 52	1076	16 22	1033	13
1052	1045	1052	1053	1052	1047	1049	1056	1053	1055	12 8	1080	16 44	1035	14
1056	1056	1056	1049	1063	1044	1059	1043	1042	1061	12 4	1097	23 28	1040	15
1067	1064	1058	1060	1050	1049	1045	1049	1056	1061	11 4	1079	21 28	1043	16
1065	1071	1065	1059	1056	1051	1054	1057	1058	1070	11 28	1118	20 48	1050	17
1067	1062	1066	1068	1066	1063	1063	1064	1065	1071	12 16	1118	7 12	1051	†18
1081	1077	1075	1073	1070	1066	1065	1059	1057	1080	11 24	1123	23 48	1055	19
1078	1081	1065	1059	1061	1052	1048	1070	1069	1075	11 20	1114	21 20	1046	20
1050	1036	1029	1030	1029	995	991	977	967	1053	10 28	1111	23 48	956	21
1038	1038	1039	1027	1010	1007	1008	1016	1020	1028	12 20	1065	0 4	960	22
1053	1006	980	965	963	977	972	969	979	1036	9 20	1104	19 32	957	23
1020	1019	1019	1023	1016	1023	1027	1009	1018	1003	20 36	1044	1 34	962	24
1054	1047	1043	1041	1039	1036	1037	1039	1041	1049	11 56	1097	6 56	1026	25
1071	1060	1056	1058	1059	1052	1057	1054	1053	1065	10 48	1114	0 40	1034	26
1081	1078	1080	1079	1078	1073	1073	1069	1056	1078	11 32	1119	22 48	1042	27
1073	1067	1064	1061	1055	1056	1061	1061	1060	1069	11 20	1109	2 24	1055	28
1074	1073	1072	1071	1071	1067	1067	1066	1068	1074	11 16	1106	3 16	1057	†29
1081	1079	1078	1073	1073	1070	1070	1070	1071	1085	10 28	1127	0 48	1060	†30
1105	1098	1089	1074	1076	1069	1063	1040	1042	1089	10 56	1140	22 44	1031	†31
1064	1059	1055	1052	1051	1049	1049	1048	1049	1062					Mean.
1076	1071	1071	1070	1069	1066	1066	1066	1067	1075					Mean.†

*See footnote on page 101.
†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

NOVEMBER.

36000γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	1054	1061	1062	1063	1065	1070	1082	1083	1081	1086	1088	1091	1093	1084	1070
2	1061	1064	1064	1065	1063	1053	1057	1061	1070	1077	1093	1105	1098	1081	1073
3	1055	1052	1054	1051	1059	1058	1058	1057	1064	1074	1082	1085	1083	1079	1070
4	1061	1066	1061	1062	1064	1066	1065	1068	1073	1078	1089	1099	1097	1091	1087
5†	1070	1071	1071	1068	1073	1068	1070	1072	1078	1088	1101	1107	1103	1096	1087
6	1074	1075	1075	1077	1076	1077	1079	1085	1099	1111	1122	1128	1121	1111	1097
7	1073	1070	1070	1070	1072	1074	1075	1083	1095	1105	1111	1113	1107	1097	1089
8	1079	1076	1080	1082	1079	1083	1090	1098	1106	1115	1123	1129	1129	1111	1100
9	1080	1071	1056	1053	1053	1030	1038	1031	1042	1037	1038	1043	1041	1031	1032
10	1006	1013	1032	1053	1035	1029	1035	1037	1043	1047	1047	1035	1032	1022	1024
11	1022	1015	1015	1015	1019	1029	1037	1045	1051	1048	1040	1046	1049	1043	1031
12	1052	1053	1053	1055	1055	1060	1063	1066	1074	1079	1088	1090	1085	1076	1065
13	1060	1060	1061	1063	1062	1064	1065	1067	1075	1081	1088	1089	1083	1074	1065
14	1048	1036	1041	1043	1047	1051	1057	1065	1077	1083	1089	1090	1076	1069	1057
15	1035	1039	1044	1044	1044	1049	1054	1061	1069	1074	1079	1073	1062	1054	1051
16	1041	1047	1056	1057	1053	1053	1055	1062	1071	1076	1081	1085	1080	1072	1061
17	1052	1055	1054	1054	1056	1059	1065	1078	1087	1094	1099	1100	1093	1084	1073
18	1063	1063	1061	1059	1061	1063	1070	1078	1086	1093	1103	1102	1098	1091	1083
19	1068	1068	1070	1068	1067	1069	1075	1080	1091	1102	1114	1113	1106	1097	1091
20	1073	1072	1071	1070	1071	1075	1081	1089	1101	1110	1120	1119	1112	1102	1089
21†	1070	1070	1075	1073	1071	1072	1078	1088	1103	1109	1116	1117	1118	1113	1106
22†	1077	1075	1075	1077	1079	1078	1083	1094	1102	1104	1105	1107	1113	1111	1106
23	1077	1077	1083	1081	1084	1087	1091	1093	1104	1113	1125	1125	1118	1104	1091
24	1078	1081	1083	1079	1079	1079	1083	1087	1092	1104	1113	1114	1111	1103	1099
25	1083	1085	1083	1081	1074	1078	1087	1102	1127	1143	1145	1148	1138	1124	1113
26	1078	1074	1076	1074	1075	1077	1084	1093	1107	1110	1118	1120	1113	1103	1095
27†	1074	1074	1079	1078	1077	1078	1085	1095	1107	1119	1126	1127	1119	1108	1101
28†	1085	1087	1083	1089	1091	1091	1100	1112	1119	1126	1134	1130	1123	1113	1105
29	1080	1079	1080	1081	1080	1082	1085	1091	1099	1107	1115	1115	1104	1098	1093
30	1082	1083	1082	1082	1085	1088	1091	1098	1105	1113	1121	1120	1117	1110	1105
Mean . .	1064	1064	1065	1066	1066	1066	1071	1077	1087	1094	1101	1102	1097	1089	1080
Mean† . .	1075	1075	1077	1077	1078	1077	1083	1092	1102	1109	1117	1118	1115	1108	1101

DECEMBER.

1	1089	1089	1087	1086	1084	1085	1092	1105	1115	1119	1125	1123	1109	1097	1090
2	1093	1088	1083	1085	1099	1101	1101	1116	1132	1147	1157	1157	1147	1132	1119
3†	1088	1087	1087	1085	1085	1088	1093	1104	1115	1121	1125	1129	1126	1117	1107
4	1084	1082	1082	1082	1083	1087	1093	1102	1109	1121	1136	1139	1131	1121	1109
5	1077	1083	1084	1083	1085	1085	1087	1094	1097	1098	1101	1105	1100	1098	1104
6	1083	1067	1075	1084	1076	1086	1096	1099	1105	1106	1103	1098	1078	1075	1052
7	1040	1045	1045	1048	1048	1048	1052	1058	1070	1076	1085	1079	1059	1045	1048
8	1058	1056	1055	1057	1057	1061	1066	1072	1079	1089	1094	1083	1075	1066	1059
9	1068	1068	1071	1072	1071	1071	1072	1075	1081	1079	1083	1077	1071	1073	1067
10	1066	1069	1071	1073	1073	1074	1078	1084	1089	1093	1101	1098	1089	1079	1073
11	1053	1057	1065	1077	1072	1072	1074	1079	1086	1089	1084	1080	1077	1075	1070
12	1076	1074	1074	1073	1077	1078	1079	1081	1086	1092	1098	1093	1088	1086	1084
13	1074	1073	1077	1081	1081	1080	1077	1080	1085	1089	1082	1093	1091	1085	1074
14†	1069	1072	1076	1069	1070	1073	1074	1077	1084	1086	1085	1084	1082	1079	1076
15	1077	1075	1076	1078	1081	1082	1088	1099	1111	1117	1115	1109	1100	1084	1070
16	1039	1044	1053	1052	1051	1057	1058	1067	1078	1086	1091	1087	1082	1069	1056
17†	1064	1067	1067	1067	1069	1074	1081	1092	1105	1114	1120	1121	1119	1109	1098
18	1082	1083	1086	1088	1088	1094	1103	1113	1120	1129	1135	1134	1125	1120	1116
19	1055	1057	1057	1057	1059	1066	1062	1083	1092	1099	1101	1098	1093	1086	1079
20	1074	1074	1084	1077	1075	1080	1077	1074	1077	1081	1080	1086	1091	1079	1076
21†	1070	1070	1070	1070	1071	1071	1074	1082	1091	1098	1101	1097	1091	1085	1080
22	1071	1072	1070	1069	1072	1075	1082	1090	1100	1110	1121	1120	1119	1111	1110
23	1076	1077	1078	1078	1077	1085	1088	1094	1095	1103	1117	1123	1126	1119	1110
24	1082	1079	1080	1080	1082	1080	1077	1085	1084	1084	1088	1093	1092	1081	1071
25	1072	1073	1077	1083	1082	1084	1090	1101	1114	1126	1134	1134	1128	1117	1108
26†	1085	1085	1083	1084	1086	1088	1093	1095	1099	1103	1108	1108	1100	1092	1091
27	1083	1083	1082	1084	1089	1091	1097	1101	1113	1121	1123	1115	1102	1092	1085
28	994	1027	1047	1026	1026	1035	1043	1061	1086	1103	1112	1096	1043	1007	919
29	1012	1010	1015	1016	1020	1027	1035	1044	1063	1075	1082	1073	1061	1053	1049
30	1047	1044	1040	1038	1038	1041	1049	1055	1064	1073	1087	1087	1077	1067	1054
31	1066	1069	1066	1066	1065	1069	1068	1072	1080	1090	1098	1100	1099	1087	1081
Mean . .	1067	1068	1070	1070	1071	1074	1078	1085	1094	1101	1106	1104	1096	1087	1077
Mean† . .	1075	1076	1077	1075	1076	1079	1083	1090	1099	1104	1108	1108	1104	1097	1091

†Five international quiet days.

HORIZONTAL FORCE, 1925.

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NOVEMBER.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

36000γ PLUS TABULAR QUANTITIES.

Hours.									*Mean.	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
1048	1052	1047	1047	1054	1051	1050	1055	1056	1067	12 0	1107	17 48	1037	1
1066	1065	1071	1070	1073	1080	1060	1069	1062	1071	11 36	1105	23 40	1046	2
1065	1062	1061	1063	1063	1061	1060	1062	1062	1064	11 32	1085	0 56	1043	3
1083	1076	1073	1073	1072	1068	1066	1067	1068	1074	12 0	1100	3 24	1059	4
1081	1078	1077	1076	1074	1073	1072	1072	1074	1079	11 52	1108	3 40	1066	5
1086	1075	1069	1070	1069	1071	1072	1072	1071	1086	11 20	1129	17 48	1067	6
1083	1079	1076	1079	1076	1071	1073	1077	1077	1083	11 24	1114	21 12	1065	7
1097	1093	1089	1088	1085	1084	1083	1091	1089	1095	11 58	1130	2 16	1074	8
1040	1037	1036	1032	1017	1016	1015	1007	998	1035	0 12	1085	23 20	993	9
1036	1037	1036	1036	1026	1015	1008	1013	1040	1031	3 16	1062	0 20	996	10
1012	1005	1018	1032	1041	1041	1043	1046	1049	1034	9 0	1053	15 12	1005	11
1054	1058	1062	1060	1059	1057	1057	1058	1059	1064	11 8	1090	0 0	1051	12
1062	1062	1056	1047	1043	1036	1032	1038	1035	1061	11 0	1089†	21 12	1026	13
1046	1041	1034	1041	1019	1015	997	1019	1028	1048	11 0	1094	21 8	990	14
1051	1045	1040	1040	1044	1043	1048	1041	1037	1051	10 12	1080	1 44	1028	15
1054	1052	1052	1054	1054	1055	1054	1055	1056	1060	11 20	1086	0 8	1035	16
1067	1058	1048	1050	1053	1054	1058	1061	1062	1068	11 24	1102	17 52	1045	17
1078	1073	1070	1069	1063	1061	1059	1067	1068	1075	10 48	1104	21 48	1056	18
1083	1077	1076	1075	1073	1072	1072	1070	1075	1081	10 40	1116	4 0	1067	19
1075	1060	1057	1063	1065	1066	1064	1069	1075	1081	10 52	1122	17 4	1053	20
1097	1090	1086	1084	1082	1079	1074	1075	1076	1089	12 16	1120	1 0	1068	21
1102	1095	1093	1088	1085	1084	1082	1080	1078	1091	12 36	1113	1 0	1075	22
1080	1074	1072	1074	1071	1071	1071	1074	1076	1088	10 48	1131	19 32	1067	23
1096	1102	1103	1103	1089	1081	1061	1071	1075	1090	10 28	1115	21 0	1056	24
1102	1092	1089	1079	1072	1072	1072	1073	1080	1098	11 16	1153	20 0	1067	25
1087	1082	1082	1083	1081	1076	1077	1078	1077	1088	11 28	1121	1 0	1073	26
1096	1088	1085	1087	1086	1084	1081	1083	1085	1093	11 0	1129	1 0	1072	27
1094	1085	1083	1084	1083	1081	1078	1080	1081	1097	10 40	1135	21 20	1075	28
1090	1084	1079	1079	1079	1078	1076	1077	1079	1088	10 52	1116	21 20	1075	29
1102	1098	1095	1095	1092	1091	1091	1089	1089	1097	10 16	1124	0 0	1081	30
1074	1069	1067	1067	1065	1063	1060	1063	1065	1074					Mean.
1094	1087	1085	1084	1082	1080	1077	1078	1079	1090					Mean.†

DECEMBER.

1086	1083	1081	1084	1089	1089	1088	1088	1088	1095	10 32	1125	17 20	1079	1
1103	1092	1096	1097	1093	1093	1090	1092	1091	1108	11 0	1160	1 40	1077	2
1099	1093	1090	1092	1088	1084	1087	1087	1086	1099	11 32	1130	4 8	1084	3
1099	1097	1088	1079	1085	1089	1084	1082	1080	1098	11 0	1141	18 36	1069	4
1102	1096	1093	1089	1086	1085	1085	1083	1088	1091	11 20	1105	0 20	1077	5
1037	1012	1013	1003	1001	1006	1013	1032	1034	1059	10 12	1112	19 32	990	6
1058	1051	1046	1044	1036	1049	1049	1053	1056	1054	10 44	1087	19 28	1032	7
1057	1052	1055	1060	1065	1064	1063	1066	1067	1066	10 12	1094	17 4	1046	8
1072	1069	1059	1062	1065	1064	1069	1062	1061	1070	10 28	1084	17 52	1057	9
1075	1073	1075	1074	1075	1069	1067	1057	1056	1076	10 32	1102	22 44	1053	10
1065	1069	1072	1073	1075	1073	1073	1076	1076	1073	9 4	1090	0 40	1053	11
1081	1075	1067	1063	1063	1066	1068	1069	1075	1078	10 12	1099	19 12	1061	12
1067	1065	1066	1063	1057	1065	1065	1067	1069	1075	10 28	1093	19 24	1055	13
1074	1066	1059	1057	1057	1058	1062	1069	1074	1073	9 0	1086	19 40	1056	14
1063	1057	1050	1045	1043	1035	1029	1027	1032	1072	10 28	1119	22 20	1023	15
1049	1048	1054	1057	1057	1067	1064	1065	1063	1063	10 8	1093	0 0	1038	16
1089	1081	1080	1080	1080	1080	1079	1078	1079	1088	10 52	1121	0 0	1063	17
1113	1101	1092	1082	1063	1040	1032	1021	1037	1091	11 0	1137	22 26	1015	18
1077	1071	1066	1068	1070	1072	1073	1072	1074	1075	10 24	1102	0 0	1052	19
1076	1072	1071	1070	1067	1065	1065	1067	1069	1075	12 8	1102	20 28	1065	20
1075	1077	1077	1078	1077	1074	1073	1073	1071	1079	10 0	1101	0 0	1069	21
1100	1092	1086	1085	1080	1079	1076	1076	1076	1089	10 32	1123	3 40	1063	22
1105	1101	1092	1088	1086	1079	1067	1071	1077	1092	12 20	1129	22 0	1063	23
1068	1067	1068	1076	1064	1063	1065	1065	1068	1077	12 4	1093	20 28	1058	24
1096	1087	1088	1092	1091	1087	1082	1077	1083	1096	10 56	1137	0 0	1071	25
1090	1089	1091	1091	1088	1085	1083	1081	1083	1091	10 20	1109	21 52	1081	26
1085	1083	1079	1077	1077	1056	1019	999	995	1081	10 40	1123	23 8	995	27
918	970	999	1000	989	969	996	1011	1017	1021	10 20	1115	14 48	899	28
1047	1045	1039	1044	1043	1036	1045	1042	1045	1043	10 4	1085	1 0	1009	29
1054	1055	1060	1065	1067	1068	1063	1060	1064	1060	11 4	1092	3 0	1038	30
1079	1086	1077	1076	1076	1067	1062	1057	1057	1075	12 8	1110	21 54	1052	31
1073	1070	1069	1068	1066	1064	1063	1062	1064	1076					Mean.
1085	1081	1079	1080	1078	1076	1077	1078	1079	1086					Mean.†

*See footnote on page 101.

†Five international quiet days.

‡Curve lost near about the time for maximum; highest hourly value given.

JANUARY. (Averages for periods of sixty minutes from full hour to full hour of local mean time.)
17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	γ 491	γ 492	γ 493	γ 491	γ 492	γ 494	γ 495	γ 496	γ 499	γ 494	γ 484	γ 478	γ 482	γ 488	γ 491
2	494	492	492	492	492	494	495	498	503	493	479	467	470	483	489
3	486	487	485	487	486	487	485	489	487	471	473	463	471	482	489
4†	479	478	478	477	479	480	482	488	489	473	450	448	452	461	473
5	479	479	478	477	480	480	481	487	489	481	467	463	471	481	491
6	489	489	489	489	490	489	489	495	496	483	470	451	461	470	480
7	494	494	494	495	495	495	498	504	511	509	494	488	492	497	503
8	505	507	508	507	508	509	509	513	520	523	514	507	507	510	507
9	513	513	513	513	512	512	508	513	521	522	509	501	507	505	505
10†	497	497	496	496	495	496	497	501	503	497	494	479	477	479	485
11†	489	489	488	487	488	487	487	489	491	486	482	478	482	493	497
12	483	482	481	480	480	480	481	488	489	486	474	462	469	471	474
13	480	478	478	477	477	475	473	475	481	480	468	456	457	465	469
14	469	469	468	468	467	467	470	473	478	473	463	453	456	460	466
15	482	484	483	484	484	485	486	491	489	482	466	460	469	480	484
16	493	491	490	489	490	489	493	497	491	475	464	461	467	475	482
17	493	493	491	486	490	491	493	497	499	490	473	461	478	489	488
18	482	482	482	480	479	477	477	478	481	463	451	457	463	462	469
19	474	476	476	473	471	471	471	476	482	480	462	455	464	470	476
20	469	465	461	462	464	464	467	474	477	473	465	459	458	467	469
21	461	461	461	461	460	459	460	463	466	464	446	426	428	447	464
22	492	496	495	495	497	499	501	507	505	503	500	496	491	496	501
23	511	510	510	511	510	510	509	516	521	521	517	519	515	506	504
24	509	510	503	506	504	503	505	514	517	514	504	499	502	507	508
25†	509	508	508	507	506	507	508	511	515	514	509	497	493	498	499
26	499	497	496	495	494	494	493	495	494	491	482	481	482	482	484
27	485	484	482	481	482	481	479	480	484	483	476	464	468	477	481
28†	481	479	479	477	476	477	475	477	479	471	461	460	459	459	460
29	476	476	475	475	475	474	472	476	482	483	478	472	462	465	462
30	478	479	478	478	477	477	476	477	483	487	486	487	489	487	482
31	485	484	483	485	484	484	484	489	490	488	482	481	484	485	485
Mean	488	488	487	487	487	487	487	491	494	489	479	472	475	480	485
Mean†	491	490	490	489	489	489	490	493	495	488	479	473	473	478	483

FEBRUARY.

1	483	482	481	481	480	480	480	484	492	495	492	487	487	481	467
2	482	483	482	482	484	483	482	484	487	483	469	463	470	466	466
3†	475	475	474	474	475	475	474	477	480	479	473	468	472	475	474
4†	480	480	480	480	480	481	480	485	486	482	477	476	478	481	483
5	481	480	479	480	479	480	480	484	487	490	491	486	487	481	473
6	487	487	486	486	485	484	484	489	495	494	488	483	479	471	469
7	474	474	475	475	474	474	475	480	485	487	485	473	471	472	479
8	487	487	486	485	486	487	488	492	500	498	491	482	483	484	485
9	494	493	492	490	488	493	494	503	509	512	503	498	492	490	491
10	500	501	499	497	496	495	495	498	501	498	493	490	489	485	480
11	485	485	485	483	481	481	479	481	483	480	476	477	480	480	478
12	484	483	482	481	479	479	478	478	481	479	479	483	477	473	475
13	487	488	485	485	485	484	483	486	490	485	483	490	492	489	486
14	497	497	495	492	493	491	489	490	495	494	492	494	497	497	494
15	499	498	497	497	496	495	494	498	502	499	486	486	487	492	497
16	495	493	492	491	489	488	489	493	494	491	484	478	476	479	480
17	484	484	484	484	483	482	481	488	491	492	489	484	481	482	486
18	494	495	495	496	498	499	498	504	508	508	504	500	497	498	501
19	510	511	511	510	509	509	508	511	514	513	507	504	509	510	511
20	511	511	509	509	509	508	507	513	520	518	511	514	518	516	511
21†	505	506	505	505	505	506	506	511	515	514	505	502	506	503	501
22†	502	502	501	501	500	500	499	502	504	495	486	488	493	496	501
23†	503	502	501	500	501	501	501	507	507	498	487	490	497	502	507
24	503	503	503	503	503	504	505	508	510	498	496	502	503	504	505
25	506	503	501	499	499	500	505	510	511	507	505	506	512	505	501
26	500	499	497	497	496	496	496	497	502	501	499	498	494	493	498
27	491	491	490	490	489	489	491	497	501	502	497	490	489	485	481
28	506	505	505	505	506	506	508	515	518	514	502	497	494	492	491
Mean	493	493	492	491	491	491	491	495	499	497	491	489	490	489	488
Mean†	493	493	492	492	492	492	492	496	498	494	485	485	489	491	493

†Five international quiet days.

VERTICAL FORCE, 1925.

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JANUARY. (Averages for periods of sixty minutes from full hour to full hour of local mean time.)
17000 γ PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
495	498	497	495	494	493	493	493	493	492	8 40	503	11 40	476	1
490	487	487	489	489	488	488	488	488	489	8 40	504	11 40	464	2
489	484	482	484	484	482	481	483	484	482	15 20	491	11 0	459	3
481	481	484	485	485	485	485	484	484	477	8 4	493	11 20	447	†4
495	492	493	493	493	491	492	492	492	484	15 20	496	10 58	461	5
489	491	490	492	492	493	493	493	494	486	8 20	498	11 40	447	6
506	505	506	507	507	507	506	506	507	501	9 0	514	11 0	485	7
510	512	515	518	518	518	517	515	515	512	9 20	525	0 20	502	8
509	510	508	507	509	506	505	503	503	509	9 20	523	11 40	500	9
495	495	493	495	495	495	495	493	492	493	8 0	504	12 40	471	†10
495	489	484	486	487	486	485	486	485	487	14 20	499	11 20	475	†11
479	479	478	481	480	479	479	479	479	479	8 20	491	11 40	460	12
473	473	470	469	471	471	470	471	470	472	9 4	485	12 0	452	13
476	477	475	478	477	478	478	479	479	471	23 40	489	11 40	453	14
486	491	489	489	489	487	488	488	491	484	16 20	493	11 20	459	15
486	487	488	489	490	489	490	486	491	485	7 40	498	11 10	458	16
487	486	489	491	490	489	490	490	489	488	8 40	502	11 20	455	17
476	479	479	478	477	476	477	477	479	474	0 42	484	11 0	449	18
477	473	469	470	474	472	471	474	473	472	9 0	487	11 40	450	19
471	468	465	467	467	466	466	464	463	466	8 52	478	12 6	451	20
478	485	486	487	487	488	490	491	491	468	23 20	492	11 52	421	21
503	509	511	512	513	512	511	511	510	503	18 40	515	12 0	486	22
508	511	512	512	512	514	511	511	511	512	8 40	523	14 20	501	23
513	515	516	516	513	512	515	513	512	509	8 40	518	11 20	495	24
502	503	503	502	503	502	500	501	500	504	9 12	518	12 20	489	†25
490	492	490	490	490	490	490	489	488	490	8 0	499	11 0	477	26
479	477	475	473	473	472	471	471	471	477	0 0	489	11 20	462	27
464	469	471	471	471	471	472	473	473	471	0 0	483	12 44	458	†28
462	467	471	470	472	472	472	472	474	472	9 8	488	12 40	460	29
479	481	481	482	483	482	482	481	481	481	13 0	492	6 20	475	30
485	484	483	483	482	481	481	480	480	484	9 8	493	11 0	479	31
488	489	488	489	489	489	489	488	488	486					Mean.
488	487	487	488	488	488	487	487	487	486					Mean.†

FEBRUARY.

466	475	481	481	479	480	479	480	480	481	9 0	496	15 0	456	1
470	473	476	476	476	476	476	476	475	477	9 0	490	11 20	461	2
473	475	477	479	480	480	479	479	479	476	9 0	481	11 0	464	†3
482	481	481	479	479	480	479	480	480	480	8 40	489	11 40	473	†4
472	477	483	484	485	485	484	486	487	483	10 0	492	15 0	472	5
473	476	478	478	478	479	479	478	479	482	9 0	500	14 0	467	6
464	484	482	482	482	483	483	484	484	478	9 40	488	11 56	464	7
486	490	489	491	492	493	493	493	493	489	9 0	502	11 40	478	8
491	490	491	495	496	497	498	500	500	496	9 0	513	4 0	484	9
478	479	481	487	488	488	488	489	489	491	9 10	503	15 0	477	10
473	471	473	477	477	477	478	480	481	479	0 20	487	16 0	467	11
477	480	480	479	481	482	483	483	484	480	11 20	485	13 20	468	12
490	493	492	493	495	495	495	495	495	489	19 40	496	9 30	481	13
495	499	497	497	498	498	497	499	498	495	16 20	503	7 0	488	14
498	498	497	495	494	494	492	494	495	495	8 40	504	11 0	482	15
482	482	481	482	481	483	482	482	482	485	8 40	497	12 20	475	16
488	485	484	485	488	490	491	492	494	487	23 40	495	6 20	477	17
501	503	503	506	509	509	509	509	511	502	23 8	512	0 28	493	18
513	513	513	513	513	513	512	513	512	511	8 56	516	11 20	502	19
507	501	501	506	506	507	505	504	504	509	8 40	518	17 0	499	20
501	500	498	501	501	502	501	501	501	504	9 0	516	17 20	496	†21
502	498	494	499	500	501	501	502	503	499	8 0	504	10 20	483	†22
503	494	493	498	498	499	499	501	502	500	8 0	512	10 40	484	†23
503	501	502	500	501	502	501	501	502	503	8 0	510	10 0	494	24
502	505	504	503	502	501	502	502	503	504	12 28	516	4 0	498	25
497	494	493	489	489	491	491	492	492	495	9 0	504	13 0	488	26
485	488	495	493	495	496	496	498	500	493	9 0	505	15 0	478	27
493	499	500	500	501	502	503	504	504	503	8 20	520	14 0	491	28
488	489	490	491	492	492	492	493	493	492					Mean.
492	490	489	491	492	492	492	493	493	492					Mean.†

*The daily mean value of vertical force derived from 24 hourly values has been corrected for progressive change by 1/48 of the difference between the values of the initial and terminal hours [i.e., by 148 (a₂₄—a₀)].
†Five international quiet days.

MARCH.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)
17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	γ 503	γ 502	γ 502	γ 501	γ 500	γ 500	γ 500	γ 507	γ 509	γ 508	γ 505	γ 501	γ 498	γ 499	γ 500
2	501	501	500	499	499	502	503	511	511	506	493	479	479	484	495
3†	505	505	504	503	503	504	505	511	512	509	501	481	479	499	506
4	505	505	505	505	504	505	505	510	509	496	485	481	484	495	499
5	495	495	495	494	493	495	496	501	505	496	484	481	481	489	499
6	499	499	499	499	499	499	501	502	500	491	490	491	491	498	501
7	496	495	494	493	492	493	492	493	494	489	481	482	481	491	500
8†	497	496	496	495	496	495	498	503	507	503	496	496	486	489	503
9	504	504	503	503	503	504	505	509	509	506	494	490	486	491	497
10	506	505	505	504	505	504	503	506	507	503	498	495	497	507	510
11	506	505	503	503	503	503	503	503	504	499	493	491	496	503	506
12	498	497	495	495	495	495	497	495	488	477	469	472	478	483	489
13	491	490	489	490	490	490	490	491	490	483	479	474	472	477	481
14	487	487	486	485	485	485	487	495	493	488	477	468	469	473	477
15	481	481	480	480	480	480	483	487	489	491	488	479	476	479	480
16	484	482	481	482	482	483	486	486	485	480	475	477	480	489	492
17	516	516	516	516	*516	517	520	524	523	519	512	506	504	509	519
18†	521	521	520	519	520	521	521	525	525	521	515	513	515	518	521
19	518	519	518	517	517	516	518	522	522	522	515	507	510	514	518
20	518	518	516	516	516	515	518	522	522	520	515	505	503	509	515
21	509	509	518	507	507	507	507	511	514	510	504	500	503	511	517
22	507	507	507	*506	506	507	512	516	513	506	491	478	487	497	501
23	503	503	503	503	503	503	508	511	507	498	483	479	486	497	504
24	499	499	498	497	497	499	505	508	505	501	486	482	483	490	498
25	509	510	509	508	509	511	517	521	519	513	501	499	498	509	517
26	517	515	517	515	514	515	519	524	523	521	515	508	505	506	510
27	520	519	517	516	516	516	517	519	516	513	509	510	511	519	521
28†	513	513	513	513	512	511	515	517	513	508	505	500	498	502	505
29	506	505	503	503	502	503	505	506	507	503	500	494	492	498	505
30	504	505	505	503	504	505	511	515	513	506	495	490	497	509	516
31†	513	513	513	513	512	513	520	521	520	512	501	495	501	511	518
Mean	504	504	504	503	503	503	505	509	508	503	501	490	491	499	504
Mean†	510	510	509	509	509	509	512	515	515	511	504	497	496	504	511

APRIL.

1	522	522	522	522	522	523	528	525	521	511	503	501	506	517	525
2	534	533	532	532	531	533	533	531	525	524	525	522	523	528	534
3	537	539	538	538	539	538	539	534	526	525	520	515	521	526	534
4†	534	535	535	534	534	537	539	537	531	527	517	513	521	528	538
5	534	534	533	533	532	532	534	534	534	529	510	491	495	505	519
6	523	522	522	522	522	524	529	528	524	518	502	498	506	515	517
7	516	515	513	512	514	514	519	517	511	504	480	479	493	502	506
8	519	519	519	519	519	520	524	521	520	517	511	502	510	521	523
9	531	531	531	530	530	533	534	531	525	525	521	517	523	526	529
10	537	536	536	535	535	535	537	539	538	536	524	521	521	525	531
11	537	537	536	535	534	535	540	540	539	532	521	517	524	530	537
12	534	535	534	532	531	534	543	541	530	511	500	505	514	527	532
13	532	531	531	530	529	531	534	529	523	516	513	518	525	526	529
14	521	521	521	521	521	524	527	518	509	503	497	499	504	513	520
15	525	525	525	525	525	526	529	526	518	508	503	506	514	524	531
16	536	538	538	536	536	540	543	535	523	513	510	513	521	531	538
17†	539	540	540	539	539	541	543	540	537	534	528	525	528	537	546
18	539	539	539	539	539	542	544	536	527	521	518	522	528	534	540
19†	539	539	539	538	539	539	542	540	532	529	521	521	533	545	549
20	534	534	533	533	533	536	537	530	523	516	511	512	522	531	533
21	534	532	531	531	530	536	542	533	522	517	518	519	526	534	535
22	526	525	524	524	524	528	529	520	511	510	509	508	514	521	524
23	520	519	519	518	518	521	524	517	508	507	506	509	514	524	526
24†	517	517	517	517	517	521	525	531	516	506	504	503	506	516	523
25†	513	513	514	513	514	516	523	517	505	497	498	498	503	517	526
26	525	525	525	524	525	528	532	524	505	499	509	514	517	524	529
27	529	529	529	529	530	533	534	525	514	502	499	498	502	511	518
28	527	527	527	527	528	530	531	529	521	514	511	511	517	523	531
29	526	525	525	524	525	528	529	523	515	512	511	514	519	524	527
30	527	527	526	525	524	525	524	519	518	513	502	504	508	517	521
Mean	529	529	528	528	528	530	533	529	522	516	510	509	515	523	529
Mean†	528	529	529	528	529	531	534	533	524	519	514	512	518	529	537

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)
17000 γ PLUS TABULAR QUANTITIES.

MARCH.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
503	505	502	501	499	499	501	502	502	502	8 24	511	12 20	494	1
503	506	505	502	501	501	502	502	503	500	8 20	513	11 40	477	2
509	511	509	505	504	504	504	504	503	503	8 24	516	12 8	472	†3
496	498	497	496	496	495	496	505	496	498	8 16	515	12 0	478	4
501	499	498	498	499	500	500	500	500	496	8 6	507	11 44	477	5
497	492	495	495	495	495	495	495	495	496	8 0	504	10 0	488	6
501	496	494	494	493	493	493	494	493	492	15 20	501	12 20	478	7
506	504	497	496	497	497	497	500	500	499	8 40	510	5 20	494	†8
497	499	498	496	499	502	503	504	504	501	8 0	509	12 28	485	9
506	503	501	502	503	504	503	504	505	503	14 20	511	11 26	492	10
503	505	496	497	498	499	498	501	501	501	0 20	507	11 0	489	11
487	485	484	487	487	488	488	491	491	488	0 40	501	12 0	468	12
482	485	483	481	482	483	482	486	487	484	8 0	491	12 0	467	13
479	479	481	482	482	483	485	486	486	483	8 0	497	11 40	465	14
482	484	477	478	478	480	482	483	484	482	9 40	494	12 8	473	15
494	501	506	511	512	513	514	514	516	493	23 40	517	10 20	472	16
523	522	516	516	517	519	520	522	523	517	7 48	525	12 20	501	17
519	521	520	521	520	521	520	521	522	520	8 40	528	11 20	511	†18
517	516	515	517	518	519	520	521	521	517	7 0	523	11 40	504	19
517	514	510	510	512	513	514	515	515	514	8 0	524	12 4	497	20
518	511	504	502	505	506	506	506	507	508	14 40	518	11 40	497	21
501	499	498	500	500	502	503	504	504	502	8 0	518	11 24	476	22
507	508	505	502	501	503	503	503	504	501	7 40	513	11 0	479	23
503	504	506	504	505	509	509	510	510	501	22 40	514	11 0	480	24
518	518	515	513	515	517	519	520	521	513	7 40	523	12 2	495	25
513	517	519	517	518	519	521	522	523	517	7 40	527	13 0	498	26
522	520	518	514	515	516	515	516	517	516	15 40	523	10 40	506	27
506	503	504	504	504	505	506	507	508	507	7 8	522	12 20	493	†28
505	504	500	500	501	505	506	506	507	507	8 20	511	12 0	491	29
515	512	510	511	513	515	517	518	519	513	23 20	523	11 40	488	30
523	521	518	514	515	517	518	520	520	514	15 40	526	11 40	493	†31
505	505	503	502	503	504	505	506	506	503					Mean.
513	512	510	508	508	509	509	510	511	510					Mean.†

APRIL.

526	526	527	525	523	526	529	529	531	522	7 4	532	11 0	499	1
538	535	530	529	533	533	535	535	536	531	15 14	542	11 44	519	2
537	534	531	532	535	536	537	536	539	533	6 44	543	11 20	513	3
544	541	534	533	532	533	533	534	534	533	15 40	546	11 0	510	†4
525	525	523	522	522	522	524	523	522	523	0 20	536	11 20	490	5
517	516	516	516	516	519	520	520	519	518	6 34	534	11 40	496	6
509	508	510	512	512	513	516	517	519	509	6 36	522	11 0	472	7
528	524	521	521	523	523	527	528	528	521	23 20	533	11 40	500	8
531	531	530	528	529	531	531	533	535	529	6 40	539	11 4	515	9
537	539	535	531	532	535	536	537	538	533	16 12	542	11 8	518	10
543	541	534	529	532	534	536	537	537	534	15 40	545	11 0	513	11
538	539	531	527	529	531	533	535	535	529	7 0	544	10 36	498	12
531	528	522	521	522	524	525	527	527	526	6 40	538	10 0	511	13
525	525	524	521	520	521	521	522	523	518	6 40	530	10 40	497	14
532	533	534	532	532	535	537	538	539	526	23 40	541	10 20	499	15
541	536	534	533	532	537	538	539	539	533	6 0	545	10 0	507	16
546	537	534	535	537	539	540	541	542	538	15 0	548	11 40	523	†17
540	536	531	532	535	535	538	539	541	535	6 40	547	9 40	519	18
550	543	537	533	533	535	535	535	535	537	15 20	555	10 40	521	†19
537	538	531	530	532	535	537	537	539	531	23 40	542	10 40	510	20
534	533	538	527	525	528	529	539	540	530	6 40	548	9 40	514	21
526	523	519	514	526	518	520	520	520	520	6 4	530	11 16	507	22
536	524	519	516	515	516	517	517	517	518	15 16	528	10 0	504	23
526	526	517	509	511	515	517	518	518	517	7 0	532	11 20	502	†24
529	528	523	517	517	521	523	524	525	515	16 0	530	9 36	494	†25
529	529	524	521	524	525	527	528	529	523	6 40	533	9 24	495	26
524	525	525	522	522	527	527	530	529	521	6 0	538	10 0	497	27
534	530	523	523	523	525	527	528	528	525	15 20	535	10 40	508	28
529	528	525	523	523	525	525	528	527	523	6 40	531	10 0	511	29
519	516	515	515	516	518	521	522	522	518	0 24	530	11 0	500	30
532	530	527	524	525	527	529	530	531	525					Mean.
539	535	529	525	526	529	530	531	531	528					Mean.†

*See footnote on page 113.

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

MAY. 17000 γ PLUS TABULAR QUANTITIES

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
1	524	523	523	523	523	527	532	527	521	517	514	517	517	521	522
2†	519	519	520	520	521	524	519	509	507	494	495	504	511	520	522
3	520	520	519	519	521	524	525	517	505	499	499	505	506	513	516
4	519	519	519	519	521	525	520	507	497	498	497	499	504	512	517
5	521	519	520	518	519	523	518	504	497	493	492	498	504	511	521
6	529	529	529	529	529	534	533	528	523	495	513	514	512	520	525
7	531	530	531	530	530	536	535	530	519	505	499	502	505	510	519
8	530	531	530	529	530	535	536	530	521	510	512	518	528	537	539
9	538	537	537	537	537	542	539	527	513	503	500	511	520	527	536
10	533	532	531	532	532	538	536	526	510	496	495	500	510	518	525
11	529	528	527	525	526	530	533	527	519	512	504	506	512	529	535
12†	521	521	521	521	522	524	530	529	518	506	502	506	508	518	525
13	522	520	519	520	520	523	527	523	512	503	495	490	500	509	514
14†	513	513	512	512	513	515	515	511	506	504	496	496	502	505	507
15†	503	503	503	503	504	505	504	495	492	486	490	495	502	513	519
16†	516	517	518	519	520	524	531	530	527	523	518	514	511	513	518
17	523	523	523	523	525	529	531	529	525	522	512	507	513	522	526
18	530	530	531	531	533	534	535	533	533	527	523	523	531	541	541
19	531	530	531	531	533	538	531	530	529	519	513	515	524	531	534
20	534	534	533	532	534	539	539	534	524	515	517	517	524	532	533
21	538	537	536	537	538	544	542	534	521	507	498	504	514	530	541
22	535	535	536	537	537	539	537	535	525	519	518	516	514	525	536
23	539	539	538	539	540	545	543	535	522	501	501	510	514	527	540
24	538	536	535	535	537	545	547	534	512	495	486	492	500	515	522
25	528	526	526	524	526	531	533	527	514	499	491	490	497	513	520
26	513	512	512	511	513	520	521	512	503	494	484	482	484	494	506
27	514	515	513	512	513	521	518	508	497	483	478	484	490	505	517
28	532	534	535	537	535	543	545	538	526	513	510	513	515	519	519
29	536	537	537	537	537	543	547	543	532	514	503	502	509	520	530
30	537	537	536	535	536	536	537	531	523	509	508	512	518	534	542
31	541	542	541	540	541	541	546	545	542	533	523	517	518	523	529
Mean	527	527	527	526	527	531	532	525	517	506	503	505	510	519	526
Mean†	515	515	515	515	516	518	520	515	510	503	500	503	507	514	518

JUNE.

1	540	541	538	539	538	543	546	538	525	510	502	497	505	519	527
2	536	535	534	533	535	540	539	528	513	493	490	492	498	510	523
3	522	521	520	521	525	530	531	526	519	513	502	497	499	509	518
4	538	538	538	534	537	542	539	528	513	498	494	495	500	515	524
5	535	535	535	534	535	540	540	531	519	506	501	502	507	510	529
6	533	531	531	531	532	536	538	535	521	505	505	510	512	515	516
7	524	522	522	522	525	529	521	504	494	491	489	489	493	501	510
8†	520	519	518	519	522	531	527	517	501	488	482	485	490	498	506
9†	517	518	517	517	518	525	531	527	514	500	497	500	512	521	519
10	523	523	521	520	522	526	527	520	509	498	490	483	485	498	515
11	530	528	528	529	530	536	542	540	525	506	503	512	521	533	540
12	535	535	536	535	535	541	542	536	519	511	499	491	502	519	529
13	538	539	538	539	539	545	546	535	511	502	499	500	512	522	536
14	539	540	541	539	539	543	544	543	534	524	519	523	527	532	532
15	533	533	534	533	534	536	536	529	519	510	510	512	517	522	524
16	525	526	524	525	525	531	530	523	514	509	508	506	513	521	523
17	522	522	522	521	521	525	527	523	509	498	491	494	499	505	510
18	513	514	514	513	515	522	525	523	511	498	495	498	504	514	523
19†	537	537	537	538	542	547	547	547	533	518	511	511	520	536	547
20†	548	549	549	549	550	557	557	554	543	526	517	517	525	535	543
21†	553	553	551	551	553	558	561	559	550	541	533	529	528	539	550
22	551	552	552	551	554	561	563	557	537	526	509	498	508	523	529
23	547	547	546	546	547	549	556	548	537	530	516	516	528	537	537
24	545	545	544	543	545	549	549	539	528	513	511	515	521	528	529
25	546	541	540	544	544	545	548	539	521	511	506	503	507	519	525
26	539	538	536	536	538	541	541	543	540	533	529	523	523	531	534
27	550	546	546	547	547	552	553	546	531	518	511	513	521	528	538
28	558	557	558	556	556	561	563	555	543	537	539	533	537	544	552
29	559	558	558	561	561	564	564	556	542	519	509	514	519	529	539
30	553	553	553	552	555	557	555	547	543	538	541	535	527	530	538
Mean	537	536	536	536	537	542	543	537	524	512	507	507	512	522	529
Mean†	535	535	534	535	537	544	545	541	528	515	508	508	515	526	533

†Five international quiet days.

MAY.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

17000 γ PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
524	522	519	518	517	518	521	521	512	521	6 40	534	10 20	512	1
522	521	519	515	515	516	517	519	519	515	5 28	528	9 20	493	†2
516	514	511	511	512	514	517	517	518	514	6 0	526	9 32	491	3
520	518	515	515	519	519	517	519	520	514	6 8	530	10 28	496	4
525	523	523	523	523	524	525	527	528	516	23 40	531	9 48	490	5
530	528	526	525	524	527	529	530	529	525	6 16	534	12 40	509	6
525	525	522	522	524	525	528	530	530	523	5 48	539	10 20	496	7
537	533	529	527	528	531	532	534	535	529	14 52	541	9 40	509	8
538	536	530	528	529	530	532	534	533	529	5 40	547	10 0	497	9
529	529	527	524	525	525	528	528	528	523	6 0	539	9 56	491	10
536	530	521	517	517	520	522	524	521	523	15 0	537	11 0	503	11
527	527	523	518	515	518	519	519	520	519	7 0	533	10 20	502	†12
516	520	519	515	510	511	512	513	513	513	6 40	529	11. 40	488	13
511	510	505	503	501	502	503	504	503	507	6 0	519	11 0	495	†14
522	522	515	512	513	514	515	516	516	507	16 0	523	10 0	486	†15
522	522	521	517	518	522	523	524	525	521	7 0	533	12 20	510	†16
529	529	525	524	525	526	527	530	531	524	23 20	532	11 20	503	17
539	540	541	535	531	532	534	535	535	534	14 4	545	11 40	521	18
533	533	531	528	528	530	533	533	533	529	6 0	539	10 40	511	19
533	534	529	528	530	532	534	535	535	531	6 0	539	9 10	511	20
542	536	528	523	528	529	532	532	532	529	5 40	547	10 0	497	21
540	540	537	533	533	535	535	536	535	532	16 20	544	12 20	513	22
544	542	534	529	533	534	536	537	539	532	5 48	547	10 0	499	23
530	529	530	524	523	526	528	528	524	524	6 20	549	10 40	484	24
525	527	523	515	515	514	515	516	516	517	7 0	535	11 8	489	25
511	509	505	501	503	504	507	507	509	505	6 20	523	11 24	480	26
523	523	524	521	523	525	529	530	530	513	22 40	533	10 0	476	27
524	527	530	529	530	522	534	535	535	529	6 4	548	10 48	508	28
533	533	533	531	531	533	535	537	538	531	6 40	548	11 4	499	29
542	541	539	534	536	538	541	543	542	533	22 0	544	10 40	508	30
535	538	538	537	538	539	539	539	540	536	7 20	547	11 40	517	31
529	528	525	522	523	524	526	527	527	523					Mean.
525	521	517	513	513	514	516	516	517	514					†Mean.

JUNE.

532	534	535	535	536	536	537	538	537	530	6 40	547	11 36	495	1
529	526	522	519	520	521	523	523	523	521	6 0	540	10 0	488	2
521	524	525	522	523	525	526	527	528	520	6 16	534	12 0	493	3
529	530	527	523	523	524	527	528	526	524	5 40	544	10 40	493	4
531	535	531	527	526	527	526	526	526	526	6 0	544	10 0	499	5
519	519	517	517	519	518	517	518	520	521	6 20	541	10 0	504	6
515	514	513	513	515	516	517	518	518	511	5 28	533	10 40	488	7
510	514	515	513	513	514	516	515	514	510	6 0	532	10 24	480	†8
517	517	517	514	516	518	519	520	518	516	7 0	531	10 20	492	†9
527	529	530	522	520	522	524	524	525	516	16 56	531	12 0	480	10
545	541	536	530	528	529	531	531	532	530	15 40	546	10 20	503	11
537	544	540	533	530	533	535	535	533	529	16 40	545	11 20	489	12
537	533	531	533	536	536	540	540	540	530	6 8	549	10 40	498	13
530	529	532	530	530	533	533	534	533	533	6 0	549	10 34	517	14
528	525	526	524	522	525	526	528	527	525	6 20	539	9 10	507	15
522	520	516	514	515	517	519	518	519	519	6 4	535	11 0	505	16
511	511	512	508	510	511	513	513	513	512	6 40	532	10 48	487	17
530	533	533	531	531	532	533	534	535	519	23 20	540	10 16	493	18
553	551	544	540	543	543	544	544	544	538	15 40	558	11 20	510	†19
552	558	557	551	550	552	553	553	553	546	17 0	562	11 0	515	†20
556	556	553	548	548	551	551	553	551	549	7 0	567	11 20	523	†21
537	539	540	540	543	545	548	548	549	540	7 8	565	11 28	497	22
546	550	549	540	541	543	544	544	543	541	6 40	561	11 0	513	23
533	539	540	539	536	539	539	539	542	536	6 20	555	10 24	510	24
531	540	540	539	538	538	537	537	537	532	6 24	553	11 40	501	25
543	545	544	541	541	543	545	545	547	539	23 20	550	12 8	521	26
541	549	551	548	551	553	551	555	554	542	6 4	556	10 40	509	27
558	562	561	555	554	556	559	557	558	553	6 28	567	11 20	532	28
548	552	551	549	549	549	549	552	551	546	6 0	569	10 20	508	29
548	550	549	545	547	548	548	548	548	546	6 0	558	12 40	526	30
534	535	535	531	532	533	534	535	535	530					Mean.
538	539	537	533	534	535	537	537	536	532					†Mean.

*See footnote on page 113.

†Five international quiet days.

JULY. (Averages for periods of sixty minutes from full hour to full hour of local mean time.)
17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	547	547	547	545	548	553	554	547	534	522	519	519	524	532	535
2	545	545	544	544	545	549	553	546	536	523	525	527	530	535	540
3	540	540	540	540	541	547	544	537	526	516	506	501	514	530	537
4	537	537	537	536	538	544	545	537	531	523	514	512	511	519	529
5	531	530	531	531	533	538	539	533	517	510	516	508	512	517	527
6	529	529	529	528	527	534	535	527	515	513	517	525	530	538	545
7	548	548	548	548	549	557	556	543	525	516	513	521	539	549	549
8	549	549	547	548	551	557	561	559	548	536	527	531	536	545	552
9	555	555	553	552	553	556	563	562	553	538	529	527	533	538	541
10	561	561	558	556	554	557	563	564	559	539	522	515	522	534	542
11	555	555	555	554	553	558	563	557	548	541	535	534	531	543	549
12	553	553	554	552	552	554	556	548	537	522	523	524	528	533	538
13†	547	555	546	545	546	551	551	545	535	531	523	520	520	525	530
14	544	543	543	542	541	544	545	541	533	523	521	515	512	521	529
15	537	537	537	538	538	543	542	541	537	535	528	518	517	521	527
16†	540	539	539	541	541	545	546	541	530	527	525	525	524	528	539
17†	535	535	535	535	537	540	543	542	533	522	517	518	522	528	532
18†	537	536	536	537	537	539	540	538	535	532	522	522	525	527	531
19	533	535	534	534	535	538	539	539	536	529	519	519	520	529	537
20†	532	534	534	533	535	540	543	539	530	527	524	520	533	535	541
21	531	531	531	531	532	536	536	534	532	522	520	521	520	525	531
22	537	537	535	538	537	543	542	540	531	519	517	519	527	536	543
23	539	541	540	541	542	547	549	545	539	534	529	530	539	541	544
24	544	545	545	545	547	551	554	553	543	535	535	538	543	547	549
25	547	547	547	547	547	551	548	542	533	519	524	531	537	540	549
26	548	548	547	547	548	551	555	550	536	526	520	510	515	532	541
27	547	547	545	544	546	545	547	545	535	519	511	513	527	538	546
28	542	541	543	541	542	547	547	539	517	500	488	491	537	541	539
29	536	537	536	535	537	540	540	535	531	524	512	510	509	517	523
30	530	530	530	531	531	532	535	535	529	521	516	514	521	531	539
31	541	542	543	544	545	548	548	545	531	532	535	536	550	554	557
Mean . .	542	542	541	541	542	549	548	543	534	525	520	520	526	533	539
Mean† . .	538	540	538	538	539	543	545	541	533	528	522	523	525	529	535

AUGUST.

1	546	547	547	548	549	552	553	552	542	536	535	536	538	543	552
2	552	552	552	553	555	559	559	553	541	534	533	538	553	562	563
3	559	560	561	563	565	571	573	559	549	551	549	546	550	558	572
4	566	565	566	566	566	572	573	559	544	537	536	541	549	556	564
5	568	567	566	567	567	576	576	560	545	532	527	529	533	542	554
6	549	549	549	549	549	555	555	550	529	512	501	505	523	539	547
7	541	539	539	539	539	544	545	537	534	530	519	513	515	525	530
8	535	535	535	535	536	540	543	534	511	498	494	495	508	514	523
9	530	530	529	530	528	532	533	532	524	512	502	494	490	498	514
10	517	516	517	516	517	521	527	525	516	498	489	491	501	509	516
11†	507	507	508	508	509	513	516	517	509	495	486	487	493	500	502
12†	500	500	501	501	502	506	507	503	496	487	479	482	491	500	502
13†	488	487	487	487	489	493	494	489	478	463	473	491	507	528	545
14	557	557	557	559	560	565	571	571	561	545	532	544	560	566	570
15†	565	565	566	566	567	570	569	564	553	539	535	538	547	553	564
16	551	552	552	553	554	558	555	545	533	517	514	522	531	536	539
17	545	545	545	544	545	550	548	539	530	524	520	528	543	548	555
18	538	538	539	538	542	547	548	541	527	509	505	506	508	514	522
19	532	531	533	530	533	535	540	535	527	517	509	512	516	526	533
20	527	526	527	527	526	534	537	531	510	491	483	485	501	518	528
21	521	521	519	520	521	525	530	527	514	498	486	495	507	523	534
22	537	537	536	537	540	548	549	533	522	509	506	499	501	513	535
23	545	546	546	548	548	554	554	541	529	527	521	523	530	532	537
24	547	545	545	546	546	550	551	545	537	522	514	514	525	540	547
25	546	546	546	546	547	554	557	546	533	531	534	539	547	553	559
26	551	552	552	551	553	558	563	553	528	515	518	523	532	538	542
27	545	545	546	547	549	551	557	551	537	519	506	507	521	532	538
28†	536	536	536	537	538	542	545	540	528	513	503	512	520	523	531
29	533	532	533	533	534	536	541	534	514	497	497	503	510	521	534
30	542	543	543	542	543	552	554	540	529	528	524	523	529	543	553
31	547	547	547	548	549	555	558	546	529	512	509	512	520	532	543
Mean . .	539	539	540	540	541	546	548	540	528	516	511	514	523	532	540
Mean† . .	519	519	519	520	519	525	526	523	513	499	495	502	511	521	529

†Five international quiet days.

JULY.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

17000 γ PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15—16	16—17	17—18	18—19	19—20	20—21	21—22	22—23	23—24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
543	544	544	544	543	543	545	545	544	541	6 20	555	11 0	516	1
542	541	538	535	538	539	540	541	541	539	6 20	554	9 40	520	2
543	544	539	535	535	536	537	536	537	533	6 0	550	11 40	499	3
535	531	527	526	526	528	529	530	530	530	6 0	547	12 0	510	4
538	535	529	525	526	529	531	530	530	527	6 20	545	11 40	505	5
547	549	546	542	544	547	548	549	548	539	16 20	552	9 0	511	6
546	547	552	548	548	549	552	552	552	544	6 10	559	10 8	511	7
556	561	556	549	550	553	555	555	555	550	7 8	567	10 32	526	8
553	558	558	555	553	555	557	560	561	551	7 0	567	11 0	526	9
543	546	546	546	548	551	553	556	554	548	7 40	568	11 34	515	10
551	550	548	547	547	549	552	551	552	549	6 20	565	11 24	529	11
542	544	548	548	545	545	545	547	546	543	6 40	561	9 40	520	12
536	540	542	540	539	540	542	542	543	539	6 4	556	11 0	519	†13
534	536	535	533	532	533	534	535	535	533	6 40	547	12 20	511	14
537	535	535	536	535	537	538	539	539	535	6 20	547	12 6	516	15
541	533	532	531	532	533	534	535	535	535	7 8	547	11 0	522	†16
535	531	529	529	531	531	533	534	534	532	7 0	547	10 32	515	†17
535	537	538	534	533	533	535	535	535	534	6 20	542	11 0	521	†18
544	545	540	531	531	531	533	534	535	533	16 0	549	11 0	517	19
540	533	530	529	530	531	531	531	531	533	6 40	547	10 20	523	†20
537	539	537	531	529	531	533	531	531	531	16 20	539	12 40	518	21
544	539	532	530	533	533	535	537	536	534	15 0	547	11 8	516	22
548	548	543	539	540	543	543	544	544	541	7 0	553	11 24	528	23
550	549	543	537	539	541	542	544	545	545	6 0	559	9 40	533	24
555	556	551	543	545	546	546	546	546	543	16 0	558	9 40	518	25
547	542	542	541	542	545	545	546	546	540	6 0	556	11 16	505	26
546	549	545	539	538	539	538	541	540	539	16 20	552	11 0	509	27
544	542	538	531	531	534	536	536	537	532	6 0	549	10 40	486	28
529	529	525	525	524	527	529	529	529	528	6 0	543	12 20	508	29
544	542	540	535	536	537	539	539	540	533	16 0	545	11 40	511	30
555	553	549	542	541	543	543	545	545	545	14 40	559	8 40	527	31
543	543	541	537	538	539	540	541	541	538					Mean.
537	535	534	533	533	534	535	536	536	534					†Mean.

AUGUST.

557	556	558	549	548	548	547	551	550	547	15 0	561	10 32	534	1
560	563	561	555	556	557	557	557	557	554	14 16	565	10 10	531	2
579	577	568	559	558	559	563	562	564	561	15 4	584	11 0	545	3
571	572	571	567	565	565	565	565	565	561	6 20	576	10 44	534	4
557	556	552	541	540	541	542	543	542	551	6 0	579	10 40	525	5
552	555	547	539	539	540	542	543	542	540	6 0	558	10 0	496	6
541	542	536	532	532	536	537	537	537	534	6 40	545	11 4	509	7
530	531	530	525	527	529	529	532	533	525	6 16	545	10 0	492	8
522	523	523	517	516	517	518	519	520	518	6 0	534	12 44	487	9
524	521	514	506	509	510	510	510	511	512	6 20	529	10 40	487	10
504	506	504	502	503	504	504	505	504	504	7 0	519	11 0	482	†11
507	509	505	498	498	498	498	500	499	498	16 40	516	10 24	478	†12
553	557	554	548	551	554	557	560	560	518	23 20	562	9 40	460	†13
570	571	567	562	564	566	566	567	570	562	7 0	573	10 26	492	14
571	570	566	560	561	563	564	565	565	560	16 0	572	10 20	534	†15
545	545	544	544	546	547	548	551	552	543	6 0	563	10 20	510	16
557	553	544	539	544	542	542	547	547	543	15 0	560	11 0	518	17
527	530	533	531	533	533	536	536	537	530	6 0	549	10 0	501	18
538	536	530	525	527	527	528	528	528	528	6 40	543	10 56	507	19
530	527	519	519	518	519	521	522	522	519	6 20	538	10 18	481	20
539	537	530	530	534	536	536	539	539	524	15 40	541	10 26	485	21
547	553	548	541	541	542	543	545	519	533	16 32	555	12 0	494	22
546	547	548	543	540	540	541	543	545	541	5 0	557	10 40	519	23
548	545	543	542	542	543	545	546	546	541	6 20	563	10 20	511	24
557	553	548	544	545	547	549	552	553	547	15 0	563	10 0	530	25
541	546	547	545	546	546	547	547	546	543	6 28	563	10 0	514	26
541	541	538	532	535	535	536	535	536	537	7 0	559	10 0	503	27
540	543	537	528	530	531	532	533	534	531	6 40	546	10 8	502	†28
542	543	536	533	534	534	537	541	543	529	16 0	545	10 0	494	29
558	556	549	545	543	545	546	547	547	543	15 48	560	10 20	522	30
548	551	546	539	539	540	541	542	545	539	6 20	559	10 8	504	31
545	546	542	537	538	539	540	541	541	536					Mean.
535	537	533	527	529	530	531	532	532	522					†Mean.

*See footnote on page 113.

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)

SEPTEMBER.

17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-13	13-14	14-15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	542	543	544	545	545	554	560	555	541	528	525	524	530	542	552
2	552	549	547	545	548	558	553	535	527	511	505	515	524	527	532
3	548	548	548	549	549	555	557	546	529	514	510	515	524	536	543
4	547	549	547	547	547	555	560	537	516	507	506	509	522	536	542
5	538	537	537	538	539	545	550	532	518	507	502	501	508	521	533
6	536	536	536	536	538	544	544	525	504	498	490	485	501	517	531
7	533	534	533	534	536	539	540	533	523	519	515	519	515	521	530
8	534	536	538	537	538	541	547	540	528	513	511	518	525	531	540
9	547	548	550	549	550	550	555	551	543	535	529	530	542	554	557
10†	551	552	553	553	554	557	562	553	537	529	523	527	536	548	557
11†	553	553	553	554	555	558	562	552	530	515	513	528	544	554	561
12†	549	550	549	549	550	554	555	545	533	522	520	519	521	530	538
13	545	546	546	545	545	548	551	546	535	524	518	518	526	538	548
14	545	546	546	545	546	550	554	542	518	506	503	505	523	536	541
15	547	545	544	547	542	550	558	546	537	529	523	520	529	537	542
16	538	540	539	540	544	546	546	539	530	525	520	521	536	549	554
17	554	555	554	555	556	562	564	555	541	518	513	519	537	556	564
18	557	558	558	558	558	563	568	559	539	524	520	522	534	547	556
19	559	559	560	560	560	565	567	547	532	531	527	521	544	554	557
20	552	552	553	552	553	560	561	541	516	500	498	503	513	532	545
21	541	543	542	543	542	546	551	540	523	516	513	516	525	543	547
22	546	545	543	542	543	547	548	538	524	513	510	512	527	535	546
23	536	536	535	536	536	541	541	525	497	488	495	500	515	527	536
24	531	531	529	531	532	535	541	535	510	492	496	512	518	532	543
25	544	546	547	550	549	551	551	543	527	524	523	529	538	544	548
26	541	542	543	543	544	547	550	543	527	508	500	505	519	534	544
27	542	542	543	544	545	550	556	551	529	514	511	522	534	551	559
28	546	547	547	547	549	553	557	548	528	526	534	535	545	554	560
29†	543	542	543	542	544	549	555	546	525	506	504	503	519	536	547
30†	543	544	543	544	546	550	554	549	534	522	511	506	521	535	543
Mean	545	545	545	545	546	551	554	543	527	515	512	515	527	538	547
Mean†	548	548	548	548	550	553	557	549	532	519	515	517	528	541	549

OCTOBER.

1	544	544	545	546	549	553	557	549	529	509	508	511	527	537	543
2†	541	543	543	542	543	548	554	550	538	522	511	513	522	540	549
3†	543	543	544	544	545	550	553	545	532	524	522	515	520	533	544
4	545	546	546	546	548	551	561	555	543	526	514	509	514	531	543
5	555	555	553	557	554	556	563	560	552	548	544	538	545	563	571
6	554	554	552	552	552	554	561	559	548	535	523	517	525	543	552
7	548	548	547	546	546	546	547	542	532	523	524	530	536	546	554
8	550	550	550	550	551	552	558	551	536	518	512	520	533	545	554
9	550	553	553	554	545	546	554	554	548	538	527	528	536	546	552
10	560	559	559	561	558	561	563	559	554	546	531	538	548	556	562
11	559	559	560	560	561	560	563	565	561	557	552	549	557	559	565
12	556	555	557	555	554	554	554	551	538	530	533	535	537	546	555
13	558	558	558	558	559	561	564	561	545	532	520	521	532	545	551
14	552	553	552	552	554	554	557	555	544	538	527	525	534	549	553
15	549	548	547	546	546	548	549	545	539	530	529	529	536	538	538
16	542	541	542	541	541	542	547	541	528	520	518	518	525	532	534
17	536	536	536	534	534	536	544	538	528	517	504	518	524	529	536
18†	531	532	532	531	533	535	539	528	515	502	494	494	507	524	527
19	525	525	525	524	524	526	528	521	505	493	483	490	501	511	518
20	517	518	517	516	516	516	518	514	513	512	511	515	528	534	540
21	547	547	547	545	547	546	548	543	534	523	513	521	534	543	546
22	549	551	549	553	550	553	561	562	560	553	543	542	545	546	552
23	558	559	558	557	556	558	562	555	547	540	527	530	545	550	553
24	549	550	551	550	547	547	549	548	546	543	535	551	557	566	565
25	556	557	556	555	555	556	560	556	544	529	516	529	551	561	558
26	559	558	559	559	557	560	565	566	557	545	538	546	554	555	551
27	553	552	552	552	552	551	552	559	557	547	534	538	547	551	552
28	548	549	549	548	548	545	551	551	544	533	528	538	543	544	540
29†	543	543	543	543	543	543	547	549	546	539	530	526	529	532	537
30†	534	533	533	530	531	531	533	535	535	529	520	515	525	535	541
31	546	546	545	545	545	545	547	546	536	528	524	529	539	541	539
Mean.	547	547	547	547	547	548	552	549	540	530	523	525	534	543	548
Mean†	539	539	539	538	539	541	545	542	533	523	515	513	521	533	540

† Five international quiet days.

SEPTEMBER.

[Averages for periods of sixty minutes from full hour to full hour of local mean time.)
17000 γ PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
553	550	542	537	539	541	543	543	549	543	6 42	563	11 16	523	1
544	552	550	545	543	544	547	547	548	539	6 12	561	10 8	498	2
545	546	543	540	541	545	546	546	547	540	6 20	558	10 0	506	3
549	547	541	534	536	539	538	539	540	537	5 56	561	10 0	504	4
544	543	535	527	529	532	535	535	535	530	6 26	555	11 32	499	5
537	540	533	527	525	528	530	530	532	525	6 20	547	11 0	482	6
533	533	535	531	530	531	533	533	532	530	6 40	541	12 24	514	7
545	545	545	541	540	542	542	544	545	536	6 40	549	10 0	509	8
556	555	550	550	546	546	547	550	549	548	14 40	559	11 0	527	9
559	557	551	546	547	548	549	550	551	548	6 40	563	10 20	523	†10
563	558	549	547	547	548	549	549	550	548	15 40	565	10 0	513	†11
543	545	542	540	542	543	544	543	545	540	6 20	559	11 28	518	†12
554	549	540	537	539	540	542	543	543	540	15 40	557	10 40	517	13
540	541	538	538	539	546	543	543	546	537	6 24	555	10 4	500	14
543	539	536	537	538	540	541	541	541	539	6 56	560	11 36	519	15
558	551	541	546	549	551	552	553	553	543	15 40	561	10 20	519	16
567	563	556	551	553	555	556	557	557	551	15 48	569	9 40	510	17
560	558	548	551	553	554	556	557	558	551	7 0	569	11 0	518	18
557	555	548	549	550	552	554	555	554	551	6 20	569	11 0	520	19
546	542	539	540	540	542	543	546	545	538	6 20	567	10 0	497	20
540	535	533	533	541	541	543	545	546	537	6 40	553	9 56	511	21
547	544	536	535	537	535	537	538	540	536	6 20	549	10 0	509	22
537	533	526	526	526	527	529	530	530	525	6 20	545	9 32	488	23
542	538	541	541	540	543	544	544	545	531	7 12	550	9 52	487	24
546	539	535	537	537	538	537	539	541	540	6 0	553	9 56	520	25
544	537	533	534	533	535	537	538	539	534	6 40	554	10 40	498	26
558	548	539	540	542	543	543	545	545	542	14 0	561	10 11	505	27
558	550	541	542	544	545	545	546	547	545	15 0	560	9 40	524	28
547	543	536	538	539	539	540	541	543	536	6 40	558	11 28	500	†29
546	545	541	541	541	541	541	543	543	539	6 28	556	11 20	504	†30
549	546	541	539	540	542	543	544	545	539					Mean.
552	550	544	542	543	544	545	545	546	542					†Mean.

OCTOBER.

543	543	541	540	540	540	542	542	542	539	6 24	559	9 48	504	1
553	548	539	539	541	541	542	543	543	539	6 40	557	10 28	511	†2
548	544	535	536	537	539	541	541	541	538	6 40	555	11 40	511	†3
544	543	542	542	544	547	549	550	551	541	6 36	562	11 20	507	4
567	557	550	553	554	555	556	557	558	555	14 20	572	11 28	534	5
552	544	541	542	545	547	547	548	548	546	7 0	569	11 24	513	6
552	545	543	544	544	545	545	548	548	543	14 40	557	10 0	522	7
554	549	545	543	543	544	545	546	547	544	6 40	560	10 40	511	8
556	553	547	548	549	551	555	556	555	548	15 36	560	10 32	522	9
561	560	557	557	558	559	559	559	561	556	6 20	564	10 40	531	10
565	556	553	555	552	555	559	558	555	558	7 20	567	11 40	545	11
555	552	548	549	552	554	554	552	556	549	3 0	558	9 8	526	12
554	547	547	552	554	555	555	557	556	550	7 0	566	10 56	516	13
552	545	542	544	546	548	548	550	550	547	7 0	562	11 0	523	14
541	541	542	533	543	541	541	543	542	541	7 0	550	9 20	526	15
532	530	532	534	535	536	536	539	539	535	6 40	548	10 20	514	16
539	532	530	530	529	531	532	533	534	531	6 40	548	10 36	502	17
527	518	517	523	524	525	526	528	529	523	6 40	541	11 0	493	†18
520	515	510	517	519	518	520	523	522	515	6 20	530	11 0	479	19
547	544	542	546	550	553	554	554	556	531	2 30	557	10 0	509	20
548	545	539	548	549	547	551	553	543	543	22 10	556	10 40	510	21
551	549	549	552	552	553	556	559	561	552	8 0	565	11 0	540	22
553	554	555	553	559	555	559	562	560	553	6 40	563	10 20	524	23
556	548	552	553	554	555	557	556	555	552	13 20	567	10 10	533	24
553	546	548	553	554	553	555	557	558	551	13 40	563	10 40	515	25
551	549	548	553	553	551	552	554	555	554	7 10	570	10 28	536	26
549	545	542	547	546	546	545	549	548	549	8 0	562	10 40	533	27
541	537	535	541	542	541	542	543	543	543	7 0	553	10 20	526	28
538	536	534	537	535	530	529	532	533	537	8 0	552	11 20	525	†29
543	539	535	538	539	539	540	541	542	534	15 0	545	11 28	515	†30
539	539	539	543	544	544	548	551	546	542	22 20	553	10 40	523	31
548	544	541	544	545	545	546	548	548	543					Mean.
542	537	532	535	535	535	535	537	537	534	..	..			†Mean.

*See footnote on page 113.
†Five international quiet days.

NOVEMBER. (Averages for periods of sixty minutes from full hour to full hour of local mean time.) 17000 γ PLUS TABULAR QUANTITIES.

Date.	Hours.														
	0—1	1—2	2—3	3—4	4—5	5—6	6—7	7—8	8—9	9—10	10—11	11—12	12—13	13—14	14—15
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
1	551	548	548	548	547	548	548	546	548	534	532	537	543	544	544
2	555	554	553	552	554	556	555	554	548	540	528	526	537	543	547
3	556	555	555	554	555	553	556	557	556	546	539	546	557	557	552
4	550	551	550	548	548	548	551	552	546	532	521	522	530	537	540
5†	537	554	536	535	535	534	538	540	532	519	507	510	516	523	526
6	526	526	525	524	525	524	525	525	523	515	502	504	516	520	521
7	521	518	517	516	515	516	516	516	511	501	493	498	507	513	521
8	550	550	548	549	551	552	553	557	554	549	541	543	554	558	555
9	562	562	562	561	557	556	557	563	567	567	551	553	557	557	552
10	561	562	562	562	559	561	569	573	569	563	558	556	559	564	557
11	560	558	557	556	555	557	557	560	559	559	560	560	557	556	555
12	550	549	549	548	547	549	550	555	551	547	542	544	549	551	549
13	548	548	548	548	548	549	553	552	544	545	543	542	541	539	533
14	545	542	550	540	539	540	539	538	534	529	524	526	532	535	532
15	533	532	527	530	528	528	529	531	528	536	540	545	548	545	538
16	556	556	556	557	557	555	555	555	548	552	551	555	556	556	552
17	560	559	559	557	557	557	554	560	561	562	557	557	557	553	553
18	556	556	555	555	555	556	555	556	554	552	549	552	555	554	554
19	552	552	552	551	551	551	551	550	548	545	544	550	555	558	554
20	548	548	546	547	546	545	544	544	545	542	535	541	544	543	540
21†	542	540	541	538	537	536	536	541	542	541	539	537	532	527	526
22†	533	533	533	532	532	532	531	532	536	535	529	527	531	533	530
23	531	530	530	530	531	533	535	538	532	525	520	529	539	541	541
24	557	557	559	559	558	559	559	566	564	555	551	546	547	555	555
25	555	555	555	555	554	554	553	553	551	558	562	559	563	562	561
26	555	555	555	556	555	554	552	551	547	543	538	541	552	559	557
27†	558	558	559	560	561	561	559	562	558	557	552	556	561	563	564
28†	574	575	576	575	575	576	574	581	580	572	569	569	571	570	564
29	575	576	575	576	575	575	574	578	574	566	557	558	561	556	557
30	578	579	578	577	578	576	571	578	582	577	572	570	577	576	572
Mean	551	551	551	550	549	550	550	552	550	545	540	542	547	548	547
Mean†	549	552	549	548	548	548	548	551	550	545	539	540	542	543	542

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1	563	561	559	558	558	557	552	555	557	552	545	544	553	553	545
2	549	549	546	546	542	544	539	541	544	538	530	533	546	553	553
3†	544	542	543	541	540	540	538	543	546	541	537	540	545	546	547
4	548	547	547	546	546	547	546	548	551	547	548	550	553	553	549
5	560	560	561	561	561	562	562	570	574	575	565	556	561	563	564
6	565	563	559	563	561	561	560	567	571	575	575	566	564	561	560
7	563	563	561	562	561	561	557	561	566	575	579	577	576	562	549
8	565	564	564	564	564	565	564	566	570	573	577	575	566	562	563
9	566	565	565	565	565	565	565	566	569	567	561	555	556	559	558
10	561	559	559	558	559	559	557	556	555	552	549	547	548	545	543
11	548	546	545	549	547	547	545	552	553	550	546	539	539	545	540
12	547	545	545	545	547	546	545	547	553	553	545	542	547	537	534
13	546	545	545	545	545	546	546	547	554	551	544	531	529	537	537
14†	546	545	546	546	545	545	546	544	544	540	537	533	536	540	540
15	549	549	548	548	549	550	547	553	558	556	549	551	557	560	555
16	561	559	560	557	557	558	556	559	573	580	573	567	565	564	558
17†	561	560	560	558	558	557	555	559	561	558	554	552	554	558	554
18	564	562	562	561	561	559	559	563	566	563	556	549	554	557	558
19	563	561	557	557	556	556	553	551	553	557	548	541	547	551	553
20	549	549	547	546	547	546	547	548	552	554	547	543	548	548	547
21†	542	543	543	542	542	541	539	544	543	547	546	542	544	542	537
22	541	542	542	540	540	540	537	548	548	546	542	532	519	519	527
23	535	535	535	534	533	533	533	536	537	532	531	540	543	545	555
24	579	578	578	577	577	578	579	581	586	586	582	577	575	571	575
25	586	587	585	584	581	580	576	581	586	583	577	572	572	575	574
26†	578	578	579	576	576	576	576	581	587	588	581	573	570	571	572
27	578	579	578	577	577	576	573	578	581	581	572	568	559	563	568
28	577	577	574	574	562	571	568	571	572	571	568	569	575	568	569
29	576	574	572	570	570	568	566	567	565	559	560	565	566	568	566
30	568	569	568	565	565	565	564	565	566	559	549	545	549	556	558
31	565	565	564	564	562	563	562	563	564	559	552	549	550	552	550
Mean	559	559	558	557	557	557	555	559	561	560	556	552	554	554	553
Mean†	554	553	554	553	552	552	551	554	556	555	551	548	550	551	550

†Five international quiet days.

(Averages for periods of sixty minutes from full hour to full hour of local mean time.)
NOVEMBER. 17000 γ PLUS TABULAR QUANTITIES.

Hours.									Mean.*	Maximum.		Minimum.		Date.
15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24		Time.	Mag.	Time.	Mag.	
γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	H. M.	γ	H. M.	γ	
547	543	548	548	549	550	551	553	553	546	22 40	553	10 44	526	1
548	546	544	547	546	547	548	550	551	547	5 20	556	11 0	523	2
551	547	546	549	551	551	552	554	554	552	13 0	559	10 44	536	3
541	538	533	537	535	534	535	537	537	539	7 20	553	11 0	517	4
527	523	521	522	523	525	525	526	527	527	7 20	545	10 42	504	†5
519	516	515	517	517	518	518	520	520	519	0 20	531	11 0	501	6
527	530	534	537	540	541	542	545	547	522	23 40	550	10 0	492	7
556	555	555	557	558	557	556	558	560	553	23 40	561	11 0	536	8
551	552	554	556	556	556	558	561	559	558	10 36	569	10 44	550	9
557	560	560	561	561	561	561	562	561	562	7 40	574	11 0	555	10
551	548	552	550	550	549	552	553	554	555	0 20	563	16 0	547	11
549	546	547	548	547	547	547	548	549	548	7 20	557	10 0	542	12
529	531	539	539	537	540	541	540	538	542	6 40	555	15 20	528	13
529	527	527	532	530	530	532	530	530	533	0 22	545	11 0	522	14
541	545	549	553	553	551	554	557	557	541	22 0	561	5 20	526	15
549	550	555	557	557	558	558	560	561	555	23 0	563	9 0	548	16
556	555	551	554	556	556	557	557	559	557	9 40	564	17 40	550	17
555	555	552	554	555	553	553	555	557	554	23 20	559	10 0	546	18
553	550	551	551	552	551	551	551	553	551	13 40	560	10 0	541	19
539	540	539	541	544	543	544	546	546	543	1 0	551	10 20	533	20
531	532	532	535	535	533	534	536	537	536	9 0	544	14 0	525	†21
531	533	530	531	531	528	528	531	531	531	9 0	538	11 8	526	†22
543	549	553	554	556	556	558	560	561	541	23 20	563	10 40	517	23
559	560	560	560	560	561	561	563	563	558	7 40	568	11 44	541	24
557	552	552	558	558	558	559	561	561	557	13 0	564	6 40	550	25
552	547	547	555	555	555	555	556	557	552	13 20	562	10 20	537	26
566	565	562	564	565	565	565	567	566	562	15 40	567	10 0	548	†27
565	563	562	570	570	571	571	572	573	571	7 26	584	17 20	560	†28
568	569	568	573	573	574	574	575	575	570	7 40	580	14 0	554	29
569	569	566	567	567	565	565	565	564	572	9 0	583	23 0	563	30
547.	547	547	549	550	549	550	552	552	549					Mean.
544	543	541	544	545	544	545	546	547	545					†Mean.

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543	543	544	547	546	545	548	547	546	551	0 20	564	16 0	541	1
554	548	542	543	543	544	544	544	544	544	15 20	555	11 0	529	2
545	545	542	543	544	545	546	547	546	543	14 20	549	10 20	533	†3
552	552	552	554	554	555	555	557	557	551	22 40	557	4 20	545	4
566	563	561	562	563	561	562	561	562	563	9 40	575	11 40	554	5
564	562	560	564	561	565	561	563	563	564	9 20	577	2 40	558	6
554	557	556	560	560	561	564	565	565	563	10 48	584	14 20	548	7
562	566	565	565	566	567	567	569	569	567	10 48	581	14 20	561	8
556	562	565	561	561	559	559	559	559	562	8 40	573	11 48	553	9
548	549	549	549	549	548	548	546	547	551	0 20	562	14 20	542	10
543	546	545	545	544	543	544	545	544	545	8 0	553	12 0	534	11
537	544	543	547	545	545	545	545	545	545	9 16	557	14 0	533	12
544	545	542	544	544	544	544	545	545	544	9 0	554	12 0	525	13
541	542	542	543	543	544	545	545	545	544	0 20	548	11 40	531	†14
552	551	551	554	557	557	557	559	559	553	13 40	561	11 0	542	15
549	552	554	559	558	557	558	561	560	561	9 10	582	15 40	546	16
555	555	554	557	559	558	560	562	563	558	22 20	564	11 0	549	†17
557	557	557	558	556	557	559	563	561	559	9 0	570	11 40	546	18
551	548	543	547	547	546	547	549	550	551	0 24	564	11 0	540	19
545	543	540	544	544	544	544	546	546	546	9 32	554	17 20	539	20
539	535	536	539	539	536	535	537	538	540	9 40	551	15 20	533	†21
563	564	563	571	570	571	573	575	576	536	8 0	548	13 0	518	22
581	531	581	583	584	583	583	584	582	550	23 0	577	10 0	531	23
572	574	571	575	576	575	574	575	576	578	1 20	589	17 20	568	24
576	571	571	575	575	573	573	573	574	576	9 20	588	13 0	569	†26
567	567	566	570	570	570	571	574	574	572	9 0	582	12 0	555	27
562	559	564	575	575	575	576	574	575	571	1 40	578	16 20	557	28
561	557	558	564	563	563	564	564	563	565	0 20	579	17 0	554	29
557	557	556	562	560	559	561	561	561	560	1 20	570	12 0	544	30
544	539	539	542	541	542	542	543	545	553	0 40	566	16 48	536	31
554	554	553	556	556	556	557	557	557	556					Mean.
550	550	549	552	552	551	552	553	553	552					†Mean.

*See footnote on page 113.
†Five international quiet days.

At Colaba, a day is classed as (1) a quiet day, or a day of (2) small, (3) moderate, (4) great or (5) very great disturbance, the letters for distinguishing each class being C, S, M, G and VG respectively. For representing intermediate conditions of activity of the smaller period movements, sub-classifications Ca, Sa and Ma are used. Roughly speaking a storm having a range over 225 γ in the variation of the horizontal force during the first twenty-four hours after its commencement is classed as "Very great". It is "Great" if the range between 150 γ and 225 γ , "moderate" if the range is between 65 γ and 150 γ and "Small" if the range is less than 65 γ . The range is however not the only criterion used in assigning the character of a storm. The oscillations in the magnetograms are duly taken into account in determining the class to which a particular storm should belong. During the year there was no storm, which could be classed as 'very great'. There were 5 days of great, 27 days of moderate and 176 days of small disturbance. Of the small disturbances, only those which showed special features have been included in this list. The following table gives a list of principal disturbances recorded during the year :—

PRINCIPAL MAGNETIC DISTURBANCES, 1925.

Date.	Civil time of beginning.		Duration in hours.	Horizontal force during storm.								Range.	Relative magnitude.	Remarks.
				Maximum.				Minimum.						
				Time.		Magnitude.	Time.		Magnitude.					
H.	M.	D.	H.	M.	γ		D.	H.		M.	γ			
January	13	10 0	14	13	10	40	37111	13	20	0	37026	85	M	Commencement gradual.
"	16	15 0	42	17	0	56	37087	17	10	36	37023	64	M	Commencement sudden.
"	19	16 0	84	21	11	52	37077	19	23	54	36984	93	M	Commencement gradual.
"	23	17 0	32	24	9	17	37070	23	21	0	37018	52	Sa	Do.
February	1	11 0	22	1	11	48	37093	1	18	52	37038	55	Sa	Do.
"	7	21 32	57	8	10	0	37117	9	12	24	37011	106	M	Commencement sudden.
"	24	18 0	31	25	10	32	37070	25	16	40	37013	57	M	Commencement gradual.
"	28	8 23	21	28	9	0	37093	28	22	8	37041	52	Sa	Commencement sudden.
March	1	7 0	21	1	14	12	37088	1	18	34	37033	55	Sa	Commencement gradual.
"	4	18 0	30	5	9	44	37096	5	21	52	37027	69	Sa	Do.
"	9	10 0	43	9	10	52	37170	9	23	24	37020	150	Ma	Do.
"	15	10 0	20	15	11	4	37129	15	19	4	37008	121	M	Do.
"	19	16 56	40	20	10	56	37115	20	19	54	37044	71	Sa	Commencement sudden.
"	27	14 0	38	28	10	40	37113	27	20	42	37029	84	M	Do.
April	1	7 0	70	2	10	4	37130	3	20	34	37010	120	M	Commencement gradual.
"	5	1 28	23	5	11	6	37115	5	20	18	37030	85	Sa	Commencement sudden.
"	9	9 0	43	9	12	4	37114	10	17	10	37043	71	Sa	Commencement gradual.
"	15	20 0	30	16	9	56	37091	16	0	24	37031	60	Sa	Do.
"	20	2 40	24	20	10	52	37133	20	22	22	37023	110	M	Commencement sudden.
"	27	19 48	30	28	12	2	37105	27	22	44	37041	64	Sa	Do.
May	3	20 14	55	4	9	54	37123	4	20	40	36959	164	G	Do.
"	27	22 0	24	28	13	22	37065	27	22	46	37036	29	Sa	Commencement gradual.
"	29	21 0	55	30	11	48	37111	31	16	28	37028	83	Sa	Do.
June	13	9 44	30	13	10	8	37134	13	16	46	36970	164	G	Commencement sudden.
"	23	1 0	28	23	8	52	37123	23	17	28	37010	113	M	Commencement gradual.
"	24	18 50	37	25	2	0	37101	25	20	8	37015	86	Ma	Commencement sudden.
"	27	14 0	42	27	14	0	37084	27	20	16	37014	70	Sa	Commencement gradual.
July	9	8 58	55	10	10	24	37145	11	1	56	37035	110	M	Commencement sudden.
"	14	23 0	28	15	1	34	37087	15	16	36	37018	69	Sa	Commencement gradual.
"	21	14 0	59	21	14	40	37108	21	22	28	37036	72	Sa	Do.
"	25	19 0	83	26	10	32	37139	26	18	20	37042	97	M	Do.
August	3	10 0	43	3	12	52	37115	4	6	8	37050	65	Sa	Do.
"	6	13 44	95	7	11	4	37116	7	17	8	36969	147	M	Commencement sudden.
"	14	8 44	20	14	12	16	37127	15	3	52	37059	68	Sa	Do.
"	17	17 0	48	18	10	52	37083	18	19	28	37030	53	Sa	Commencement gradual.
"	22	19 39	40	23	0	20	37083	23	10	48	37008	75	Ma	Commencement sudden.
"	31	21 7	15	Sept. 1	11	28	37100	Sept. 1	0	20	37054	46	Sa	Do.
September	1	22 36	23	1	23	16	37116	2	16	24	37000	116	Ma	Do.
"	14	0 36	91	14	7	12	37098	15	18	16	36985	113	Ma	Do.
"	21	7 8	46	21	9	4	37144	21	13	16	36968	176	G	Do.
"	24	1 0	27	24	6	56	37135	24	16	20	36974	161	G	Commencement gradual.
October	1	8 13	22	1	10	44	37129	2	6	0	37057	72	Sa	Commencement sudden.
"	4	2 0	90	7	11	20	37134	5	18	12	37013	121	Sa	Commencement gradual.
"	8	14 0	43	9	3	24	37104	9	22	36	37009	95	Sa	Do.
"	11	10 0	42	12	22	36	37093	11	18	52	36999	94	Sa	Do.
"	20	16 9	109	21	10	28	37111	21	23	48	36956	155	Ma	Commencement sudden.
"	31	17 0	38	Nov. 1	12	0	37107	Oct. 31	22	44	37031	76	Sa	Commencement gradual.
November	2	17 0	14	2	22	40	37091	3	0	56	37043	48	Sa	Do.
"	8	22 0	74	8	22	24	37093	9	23	20	36993	100	Sa	Do.
"	14	14 0	38	15	10	12	37080	14	21	8	36990	90	Sa	Do.
"	24	15 0	36	25	11	16	37153	24	21	0	37056	97	Sa	Do.
December	1	18 0	30	2	11	0	37160	2	1	40	37077	83	Sa	Do.
"	5	23 0	52	6	10	12	37112	6	19	32	36990	122	M	Do.
"	18	2 0	28	18	11	0	37137	18	22	20	37015	122	M	Do.
"	27	19 36	42	28	10	20	37115	28	14	48	36899	216	G	Commencement sudden.

Fourier analysis of the diurnal and annual variations of Horizontal force for the five International quiet days during 1925.

Diurnal variation : $\Delta H = c_1 \sin (\theta + \varphi_1) + c_2 \sin (2\theta + \varphi_2) + \dots$; θ is counted at the rate of 15° per hour from midnight to midnight (G. M. T.).

Annual variation : $\Delta H = c_1 \sin (\theta + \varphi_1) + c_2 \sin (2\theta + \varphi_2) + \dots$; θ is counted at the rate of 30° per average month.

Quantity.	Diurnal Variation.												Annual Variation.
	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sep.	Oct.	Nov.	Dec.	
	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ	γ
c_1	10.0	13.8	20.4	21.7	17.7	16.9	19.9	20.2	16.8	16.9	18.8	15.1	1.6
c_2	3.9	5.9	8.9	10.7	8.2	9.0	9.2	9.9	10.3	9.5	7.5	6.3	2.7
c_3	3.6	2.5	3.2	3.2	1.7	1.4	2.8	1.9	5.4	5.6	2.7	2.1	5.5
c_4	1.8	0.5	1.1	1.4	1.2	0.3	1.2	0.1	2.4	2.2	0.3	0.5	1.7
c_1/c_2	2.6	2.3	2.3	2.0	2.2	1.9	2.2	2.0	1.6	1.8	2.5	2.4	0.6
	° /	° /	° /	° /	° /	° /	° /	° /	° /	° /	° /	° /	° /
φ_1	354 36	353 56	350 0	347 22	348 29	353 6	341 59	342 17	334 31	343 40	347 45	359 51	178 14
φ_2	264 19	255 0	244 46	242 11	242 16	248 41	235 16	239 57	226 4	245 26	254 40	268 49	220 26
φ_3	166 42	153 44	147 1	174 55	204 48	148 17	103 26	141 37	142 45	157 54	173 2	195 10	230 32
φ_4	7 17	39 31	70 46	173 23	192 4	133 50	270 30	77 0	69 3	65 4	292 10	52 7	291 52

Date.	Phase.	Time G. M. T.	Period (Sec.).	Ampli- tude (μ) An.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.).	Ampli- tude (μ) An.	Remarks.
1925—contd.		H. M. S.				1925—contd.		H. M. S.			
Feb. 3	From	3 7 —	..	..	Tremors.	Mar. 8	From	1 48 —	..	..	Tremors.
	To	3 24 —	..	..			To	2 19 —	..	..	
" 3	P	18 34 41	..	..		" 8	From	11 32 —	..	..	Tremors.
	F	19 25 —	..	..			To	11 49 —	..	..	
" 7	From	17 42 —	..	..	Tremors.	" 9	P	4 27 36	..	..	
	To	17 58 —	..	..			F	4 30 44	..	..	
" 7	P	18 26 30	..	..		" 12	From	0 16 —	..	..	Tremors.
	S	18 33 0	..	..			To	0 25 —	..	..	
	L	18 40 45	..	..		" 14	From	3 9 —	..	..	Tremors.
	M	18 45 11	17	10			To	3 31 —	..	..	
	F	19 14 —	..	..		" 15	From	14 2 —	..	..	Feeble Tremors.
" 9	P	14 28 20	..	..			To	14 45 —	..	..	
	S	14 34 47	..	..		" 15	Pe	15 58 33	..	..	
	L	14 42 58	..	..			F	16 59 —	..	..	
	M	14 43 13	14	6		" 15	P	23 39 11	..	..	Feeble shock.
	F	16 39 —	..	..		" 16	F	0 3 —	..	..	
" 13	Pe	14 10 43	..	..		" 16	P	14 47 48	..	..	
	S	14 15 6	..	..			S	14 52 41	..	..	
	L	14 19 2	..	..			L	14 56 18	..	..	
	M	14 57 17	21	11			M	..	..	..	Movements very quick. Record faint.
	F	15 49 —	..	..			F	17 6 0	..	..	
" 16	Pe	18 4 14	..	..		" 16	P	23 41 58	..	..	
	S	18 12 0	..	..			S	23 49 24	..	..	
	L	18 22 22	..	..		" 17	L	0 0 24	..	..	
	F	19 35 —	..	..			M	0 7 24	12	18	
" 20	P	1 13 44	..	..			F	1 1 —	..	..	
	S	1 20 18	..	..		" 18	P	14 24 22	..	..	
	M	1 42 14	15	24			F	15 13 44	..	..	Tremors.
	F	3 8 —	..	..		" 19	P	15 43 49	..	..	
" 20	From	8 57 —	..	..	Tremors.		S	15 48 26	..	..	
	To	9 9 —	..	..			L	15 51 42	..	..	
" 22	From	5 22 —	..	..	Tremors.	" 20	F	16 53 —	..	..	
	To	5 34 —	..	..			From	5 51 —	..	..	Tremors.
" 24	Pe	0 7 3	..	..			To	6 39 —	..	..	
	S	0 17 28	..	..		" 20	From	12 37 —	..	..	Tremors.
	L	0 38 43	..	..			To	13 39 —	..	..	
	M	0 53 9	20	47		" 22	P	9 0 8	..	..	
	F	2 58 —	..	..			S	9 6 22	..	..	
" 25	From	22 22 —	..	..	Tremors.		L	9 14 45	..	..	
	To	23 19 —	..	..			M	9 48 19	32	49	
Mar. 1	P	2 36 48	..	..		" 26	From	12 14 —	..	..	Tremors.
	S	2 47 14	..	..			To	8 14 —	..	..	
	Le	3 10 3	..	..		" 27	From	13 19 —	..	..	Tremors.
	F	4 59 —	..	..			To	9 21 —	..	..	
" 1	From	12 40 —	..	..	Tremors.	" 29	From	13 19 —	..	..	Tremors.
	To	12 40 —	..	..			To	21 32 —	..	..	
" 7	From	18 40 —	..	..	Tremors.	" 30	P	0 30 —	..	..	
	To	18 40 —	..	..		April 7	F	15 53 32	..	..	Feeble shock.
" 7	From	19 55 —	..	..	Tremors.		P	16 8 —	..	..	
	To	20 41 —	..	..		" 7	F	16 9 25	..	..	Feeble shock.
" 7	From	20 54 —	..	..	Tremors.		To	16 27 —	..	..	

Date.	Phase.	Time G. M. T.	Period (Sec.).	Ampli- tude (μ) An.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.).	Ampli- tude (μ) An.	Remarks.
1925—contd.		H. M. S.				1925—contd.		H. M. S.			
April 7	P	18 15 15	..	..		May 3	P	17 31 19	..	..	
	S	18 22 40	..	..			S	17 38 49	..	..	
	L	18 33 30	..	..			L	17 50 12	..	..	
	M	18 34 21	..	..			M	17 55 4	24	50	
	F	20 5 —	..	..			F	19 42 —	..	..	
" 9	P	7 19 55	..	..	Feeble shock.	" 3	P	23 8 59	..	..	
	F	7 34 18	..	..			S	23 16 3	..	..	
" 11	P	10 51 36	..	..			L	23 25 3	..	..	
	S	10 59 14	..	..			M	23 28 18	17	43	
	L	11 10 59	..	..		" 4	F	1 46 —	..	..	
	M	10 59 44	25	318		" 5	P	10 15 5	..	..	
	F	15 11 —	..	..			S	10 22 9	..	..	
" 14	P	1 43 38	..	..	Feeble shock.		L	10 31 31	..	..	
	S	1 46 8	..	..			M	10 43 17	15	31	
	L	1 49 22	..	..			F	..	..	..	Lost due to extinction of light.
	F	2 6 —	..	..		" 5	P	23 30 18	..	..	
" 15	P	9 41 45	..	..	Slight shock.		S	23 33 48	..	..	
	S	9 44 38	..	..			L	23 52 40	..	..	
	L	9 46 4	..	..			M	23 54 44	22	18	
	M	9 46 15	..	..		" 6	F	0 54 —	..	..	
	F	10 2 —	..	..		" 7	Pe	14 50 15	..	..	Feeble shock.
" 15	P	12 59 0	..	..	Feeble shock.		F	15 41 —	..	..	
	F	13 50 —	..	..		" 13	P	23 59 12	..	..	
" 16	P	5 42 0	..	..	Feeble shock.	" 14	S	0 3 35	..	..	
	F	6 11 —	..	..			M	0 16 5	13	10	
" 16	P	20 0 59	..	..			F	1 18 —	..	..	
	S	20 7 37	..	..		" 14	P	7 14 43	..	..	
	L	20 15 52	..	..			S	7 18 13	..	..	
	M	20 20 52	21	313			L	7 20 13	..	..	
	F	22 18 —	..	..			M	..	..	..	Movements small.
" 19	P	15 56 13	..	..	Feeble shock.		F	..	..	..	Uncertain.
	F	16 36 —	..	..		" 16	P	18 14 26	..	..	Feeble Local shock.
" 22	P	23 20 39	..	..			F	18 18 —	..	..	
	S	23 28 39	..	..		" 18	P	7 27 23	..	..	Feeble shock.
	L	23 42 1	..	..			S	7 31 20	..	..	
	M	..	..	..	Movements small.	" 19	P	5 33 13	..	..	
" 23	F	0 42 —	..	..			S	5 40 53	..	..	
" 23	P	19 42 4	..	..			L	5 49 53	..	..	
	S	19 49 4	..	..			M	5 50 23	23	22	
	F	20 23 —	..	..			F	7 25 —	..	..	
" 25	From	9 43 7	..	..	Feeble Tremors.	" 22	Pe	9 59 0	..	..	Feeble shock.
	To	10 7 —	..	..		" 23	F	10 50 —	..	..	Feeble shock.
" 30	From	12 1 —	..	..	Tremors.		P	2 27 18	..	..	
	To	12 30 —	..	..		" 25	F	3 28 —	..	..	
							P	3 52 2	..	..	
							S	3 58 47	..	..	
							L	..	..	..	Movements very small.
							F	4 50 —	..	..	

Date.	Phase.	Time G. M. T.	Period (Sec.).	Ampli- tude (μ) An.	Remarks.	Date.	Phase.	Time G. M. T.	Period (Sec.).	Ampli- tude (μ) An.	Remarks.
1925—contd. May 26	Pe	H. M. S. 15 53 0	..	..	Feeble shock.	1925—contd. July 6	P	H. M. S. 12 24 23	..	..	Feeble shock.
	Fe	16 19 —	..	..			F	12 50 —	..	..	
„ 27	P	2 38 48	..	..		„ 7	P	8 23 37	..	..	Slight shock.
	Se	2 46 25	..	..			S	8 31 15	..	..	
	F	3 20 —	..	..			L	8 40 13	..	..	
„ 27	From	9 5 —	..	..			F	9 19 —	..	..	
	To	9 13 —	..	..	Tremors.	„ 7	From	15 24 —	..	..	Tremors.
„ 28	P	3 21 46	..	..			To	16 32 —	..	..	
	S	3 23 46	..	..		„ 7	From	18 57 —	..	..	Tremors.
	L	3 24 31	..	..			To	19 29 —	..	..	
	M	..	..	..	Movements small.	„ 8	P	5 2 44	..	..	
	F	..	..	..	Uncertain.		S	5 8 14	..	..	
„ 28	P	6 4 48	..	..			L	5 12 44	..	..	
	S	6 12 48	..	..			F	5 37 —	..	..	
	L	6 24 48	..	..		„ 17	From	17 8 —	..	..	Tremors.
	M	6 25 11	20	16			To	17 33 —	..	..	
	F	7 42 —	..	..		„ 17	From	21 28 —	..	..	Tremors.
June 3	P	4 43 7	..	..			To	21 39 —	..	..	
	S	4 50 51	..	..		„ 27	From	23 5 —	..	..	Tremors.
	L	5 1 7	..	..			To	23 14 —	..	..	
	M	5 7 14	22	15		Aug. 7	From	8 24 —	..	..	Tremors.
	F	5 35 —	..	..			To	9 22 —	..	..	
„ 9	P	13 51 44	..	..		„ 14	P	4 32 15	..	..	
	S	14 0 59	..	..			S	4 40 45	..	..	
	L	14 18 44	..	..			L	4 54 45	..	..	
	M	..	..	..	Movements small.		M	5 3 45	18	9	
	F	15 51 —	..	..			F	5 52 —	..	..	
„ 14	From	11 9 44	..	..	Tremors.	„ 16	From	2 59 —	..	..	Tremors.
	To	12 22 44	..	..			To	3 18 —	..	..	
„ 14	From	5 53 14	..	..	Tremors.	„ 19	P	12 19 23	..	..	Record faint.
	To	6 23 44	..	..			S	12 29 8	..	..	
„ 20	P	13 8 7	..	..			Le	12 47 8	..	..	
	S	13 11 14	..	..			Me	12 52 8	..	..	
	M	13 11 44	..	..		„ 26	P	16 18 15	..	..	
	F	15 1 —	..	..			F	16 34 —	..	..	
„ 28	From	6 39 —	..	..	Tremors.	„ 30	P	13 23 59	..	..	
	To	7 7 —	..	..			F	13 43 —	..	..	
„ 28	P	13 45 44	..	..		„ 31	P	9 40 6	..	..	Feeble shock.
	S	13 49 44	..	..			F	9 52 —	..	..	
	M	..	..	..	Movements small.	„ 31	P	10 6 43	..	..	
	F	14 25 —	..	..			S	10 9 28	..	..	
July 4	From	8 21 —	..	..	Feeble Tremors.		L	10 10 39	..	..	
	To	8 44 —	..	..			M	10 11 30	11	28	
„ 4	P	9 32 46	..	..			F	10 47 —	..	..	
	M	9 33 1	..	..		Sept. 4	From	4 39 —	..	..	Tremors.
	F	10 34 —	..	..			To	4 45 —	..	..	

Seismic Disturbances, 1925—*contd.*

Date.	Phase.	Time G. M. T.	Pe- riod (Sec.).	Ampli- tude (μ) An.	Remarks.	Date.	Phase.	Time G. M. T.	Pe- riod (Sec.).	Ampli- tude (μ) An.	Remarks.
1925—contd.		H. M. S.				1925—contd.		H. M. S.			
Sept. 5	P	16 42 7	..	..		Oct. 22	Le	17 18 28	..	..	
	S	16 52 7	..	..			M	17 18 51	11	32	
	L	17 11 44	..	..			F	19 27 —	..	..	
	M	17 14 25	18	11		23	P	1 56 33	..	..	
	F	17 57 —	..	..			S	2 3 44	..	..	
" 6	P	1 14 10	..	..	Feeble shock.		L	2 12 40	..	..	
	F	1 51 —	..	..			F	3 39 —	..	..	
" 10	From	13 16 —	..	..	Tremors.	" 25	Pe	0 38 29	..	..	Feeble shock.
	To	13 49 —	..	..			F	1 19 —	..	..	
" 10	From	16 59 —	..	..	Tremors.	" 25	From	5 47 —	..	..	Tremors.
	To	17 20 —	..	..			To	6 12 —	..	..	
" 20	P	7 20 41	..	..	Feeble shock.	" 27	From	17 3 —	..	..	Tremors.
	F	8 13 —	..	..			To	17 15 —	..	..	
" 24	P	4 42 42	..	..		" 29	P	19 41 27	..	..	Feeble shock.
	S	4 46 19	..	..			F	20 1 —	..	..	
	F	5 28 44	..	..		" 30	P	15 5 19	..	..	Feeble shock.
" 25	P	8 48 42	..	..	Feeble shock.		F	16 31 —	..	..	
	F	8 23 —	..	..		Nov. 6	From	15 22 —	..	..	Tremors.
" 28	P	21 52 10	..	..	Feeble shock.		To	16 5 —	..	..	
	F	22 11 —	..	..		" 6	P	19 26 52	..	..	
Oct. 5	P	4 28 27	..	..			S	19 28 24	..	..	
	S	4 31 42	..	..			L	19 29 0	..	..	
	F	6 21 —	..	..			M	19 29 44	9	13	
" 8	From	12 2 —	..	..	Tremors.		F	19 56 —	..	..	
	To	12 14 —	..	..		" 10	P	14 0 41	..	..	
" 12	P	5 54 13	..	..			S	14 8 4	..	..	
	S	6 1 56	..	..			L	14 18 34	..	..	
	M	6 2 6	13	13			M	14 22 48	23	69	
	F	7 16 —	..	..			F	17 49 —	..	..	
" 13	P	17 59 40	..	..		" 13	P	12 23 48	..	..	
	S	18 9 3	..	..			S	12 31 —	..	..	
	L	18 26 10	..	..			L	12 40 56	..	..	
	M	18 47 6	17	13			M	12 48 56	14	58	
	F	20 40 —	..	..			F	16 31 —	..	..	
" 14	P	5 15 55	..	..		" 14	P	8 19 53	..	..	
	F	5 36 —	..	..			S	8 27 9	..	..	
" 15	P	12 46 38	..	..			F	9 29 —	..	..	
	M	12 52 25	13	23		" 14	P	10 12 36	..	..	
	F	13 45 —	..	..			S	10 19 50	..	..	
" 18	From	8 0 —	..	..	Tremors.		F	11 39 —	..	..	
	To	9 29 —	..	..		" 14	P	14 46 9	..	..	
" 21	From	17 53 —	..	..	Tremors.		S	14 53 20	..	..	
	To	18 39 —	..	..			F	16 9 —	..	..	
" 22	P	17 9 3	..	..							
	S	17 14 25	..	..							

Date.	Phase.	Time G. M. T.	Pe- riod (Sec.).	Ampli- tude (μ) An.	Remarks.	Date.	Phase.	Time G. M. T.	Pe- riod (Sec.).	Ampli- tude (μ) An.	Remarks.
1925—concl'd.		H. M. S.				1925—concl'd.		H. M. S.			
Nov. 16	P	12 14 24	..	..		Dec. 19	P	16 22 44	..	..	
	M	13 24 36	19	15			S	16 34 33	..	..	
	F	14 32 —	..	..			L	17 1 31	..	..	
„ 17	From	0 37 —	..	..	Tremors.		M	17 36 59	17	18	
	To	2 39 —	..	..			F	18 37 —	..	..	
„ 23	P	12 42 24	..	..		„ 19	Pe	20 23 28	..	..	
	F	12 59 —	..	..			F	20 41 —	..	..	
„ 28	Pe	16 27 36	..	..		„ 21	P	17 59 44	..	..	
	S	16 37 55	..	..			F	18 27 —	..	..	
	F	18 48 —	..	..		„ 22	P	5 11 21	..	..	
„ 30	P	18 3 19	..	..	Feeble shock.		S	5 16 10	..	..	
	F	18 36 0	..	..			L	5 19 51	..	..	
Dec. 7	P	8 38 44	..	..			M	5 23 21	13	94	
	S	8 42 30	..	..			F	7 49 —	..	..	
	L	8 44 37	..	..		„ 23	From	1 45 —	..	..	Feeble Tremors.
	M	8 46 14	11	43			To	2 9 —	..	..	
	F	10 16 —	..	..		„ 23	From	23 14 —	..	..	Tremors.
„ 9	From	5 47 —	..	..	Tremors.		To	23 59 —	..	..	
	To	6 4 —	..	..		„ 26	Pe	18 30 44	..	..	
„ 10	From	5 5 —	..	..	Tremors.		S	18 40 14	..	..	
	To	5 32 —	..	..			F	19 45 44	..	..	
„ 10	P	14 34 10	..	..		„ 27	Pe	10 37 44	..	..	
	S	14 47 48	..	..			Se	10 45 44	..	..	
	L	15 27 3	..	..			F	11 49 —	..	..	
	M	15 42 26	19	36		„ 27	From	17 59 —	..	..	Tremors.
	F	17 15 —	..	..			To	20 9 —	..	..	
„ 11	From	1 4 —	..	..	Tremors.	„ 28	From	19 19 —	..	..	Tremors.
	To	2 12 —	..	..			To	20 41 —	..	..	
„ 15	P	7 48 43	..	..		„ 28	From	22 30 —	..	..	Tremors.
	S	7 51 28	..	..			To	23 11 —	..	..	
	L	7 52 30	..	..		„ 29	Pe	2 15 16	..	..	
	M	7 53 22	11	7			F	3 51 —	..	..	
	F	8 10 0	..	..		„ 29	P	16 13 25	..	..	
„ 18	P	5 58 21	..	..			S	16 20 37	..	..	
	S	6 2 33	..	..			L	16 30 51	..	..	
	F	6 41 —	..	..			M	16 37 48	19	11	
„ 18	P	18 14 14	..	..			F	18 2 —	..	..	
	S	18 17 30	..	..		„ 30	From	7 16 —	..	..	Tremors.
	M	18 17 48	..	..			To	8 28 —	..	..	
	F	18 47 —	..	..							
„ 19	P	3 38 22	..	..	Feeble shock.						
	F	4 24 —	..	..							

A=Amplitude in μ (=0.001mm.), and T=Period in seconds.

Derived from readings for the period of thirty minutes centering at the exact hour, local mean time.

Date.	January.								February.			
	0h.		6h.		12h.		18h.		0h.		6h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
1	1.4	12	1.1	12	1.5	16	2.2	20	.9	10	..	..
2	1.1	11	.7	10.5	1.1	15	2.7	22	.9	10	.9	10
3	.9	10	1.1	10	1.5	16	3.1	21	..	..	..	..
4	.7	10	..	..	..	..	..	..	1.8	11.5	1.4	12
5	..	..	..	..	..	..	..	..	1.1	10	1.1	10
6	.7	9	1.1	12	2.1	17	2.6	18	1.1	10	.9	9
7	..	..	..	..	..	..	2.1	15	.9	10	.9	10
8	..	..	1.1	12	1.1	13	1.4	15	..	..	.9	10
9	.9	10	.7	10	1.1	12	2.6	18	1.1	9	1.1	9
10	..	..	.7	10	.9	10	1.4	12	1.1	9	1.1	10
11	.9	9	..	..	2.2	20	2.8	20	1.4	12	1.1	10
12	.7	9	.7	10	1.4	15	1.7	15	..	..	..	..
13	.7	10	.7	10	1.4	15	2.6	17	..	..	..	..
14	.7	10	..	..	..	..	2.6	18	1.1	10	..	..
15	.6	8	.6	8	.9	9	..	..	1.1	10	.9	9.5
16	..	..	..	..	..	..	1.7	15	.8	8.5	.9	9.5
17	.7	10	.7	10	.7	10	1.1	12	..	..	.9	10
18	2.6	17	1.7	15	2.2	20	..	..	..	..	..	..
19	..	..	..	..	2.1	17	1.7	15	.9	9	.9	10
20	.7	9	.7	10	1.1	15	2.8	20	.9	10	..	..
21	.9	10	.7	10	4.1	22	2.6	18	.9	10	..	..
22	..	..	.7	10	2.6	17	4.1	22	.9	10	.9	10
23	..	..	..	..	2.6	25	3.4	20	.9	9	1.1	10
24	1.7	20	1.4	15	1.1	15	2.2	20	.9	9	..	..
25	1.1	15	2.2	20	1.4	15	2.1	22	..	..	..	..
26	1.1	15	..	..	2.2	20	1.7	20	.9	10	.9	10
27	1.4	15	1.7	20	2.2	20	1.4	18	.9	10	.7	10
28	1.1	12	.8	12	..	..	2.6	18	.9	10	.7	10
29	..	..	.7	9	.7	9	2.6	18	..	..	..	..
30	.7	10	.9	10	.8	13	2.8	20	..	..	..	..
31	..	..	1.1	12	1.4	15	1.7	15	..	..	..	..
Mean	1.0	11.4	1.0	11.7	1.6	15.6	2.3	17.9	1.0	9.9	1.0	9.9
Mean for day	A=1.4 μ				T=12.2 sec.				A=1.6 μ			

Date.	April.								May.			
	0h.		6h.		12h.		18h.		0h.		6h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
1	1.4	15	1.4	15	1.4	18	1.7	15	0.9	8.5	1.5	10
2	..	..	2.2	20	2.2	20	2.8	20	1.3	7.5	1.3	7.5
3	1.4	15	1.1	15	2.1	17	2.6	18	1.3	8.5	0.3	7.5
4	2.1	17	1.4	15	1.7	17	1.4	15	0.5	12	1.1	15
5	1.1	12	.8	12	..	..	1.4	15	0.4	7.5	0.4	7.0
6	1.1	12	.7	10	1.4	13	.9	10	0.6	7.5	1.5	13
7	.8	8	.8	8	1.4	12	1.1	8.5	0.6	7.5	..	..
8	..	..	.8	8	1.4	12	1.1	9	0.8	7.5	..	..
9	.8	7	.8	8	1.1	10	1.1	10	0.9	9.0	1.0	7.5
10	.8	7	.8	7.5	1.1	10	1.1	10	1.5	8.0	1.6	8.5
11	1.1	10	.9	9	1.1	10	..	..	1.0	7.5	0.8	6.5
12	.9	10	.9	9	1.1	10	.9	10	1.3	6.5	1.3	8.5
13	.9	9	.9	9	.9	10	.9	10	0.9	8.0	0.8	7.0
14	.8	8	.9	10	.9	10	.9	9	1.5	7.5	1.5	6.5
15	.8	8	.6	7	1.4	12	..	..	1.4	6.0	1.4	6.0
16	.9	10	.9	10	1.1	12	.9	10	1.5	6.5	1.9	6.5
17	.9	10	.9	10	1.1	12	.9	10	1.5	6.5	1.3	6.5
18	.7	10	.9	10	1.7	15	1.7	15	1.2	5.0	1.0	6.0
19	.7	10	.9	10	1.4	13	1.7	15	1.4	5.5	1.4	6.0
20	.7	10	.9	10	1.1	12	1.7	15	0.8	5.0	1.5	7.5
21	.7	10	.9	10	1.5	16	1.4	12	0.6	6.0	0.6	6.0
22	.7	9	.7	9	1.2	14	1.4	13	1.2	6.0	1.3	7.5
23	.7	9	.7	9	1.1	13	1.7	15	0.8	7.5	0.6	7.5
24	.7	9	.7	9	1.4	14	1.4	13	1.0	7.5	0.8	7.5
25	.6	8.5	.6	8	1.1	12	1.6	14	0.4	6.5	0.4	7.5
26	.6	8.5	.6	8	1.1	12	1.4	13	0.6	7.5	0.6	6.5
27	.6	8	.6	8	.9	10	1.4	12	0.6	6.0	0.6	6.0
28	.6	8	.6	8	.9	10	.9	10	0.6	6.0	1.0	6.0
29	.6	7.5	.6	8	.8	8	1.1	12	1.0	6.0	1.3	7.5
30	.6	7.5	.7	9	.9	10	1.2	14	0.8	6.0	1.0	6.5
31	..	..	..	..	..	..	..	..	0.8	7.5	1.3	6.5
Mean	0.9	9.7	0.9	9.9	1.3	12.6	1.4	12.6	0.9	7.1	1.1	7.5
Mean for day	A=0.9 μ				T=11.2 sec.				A=1.0 μ			

NOTE:—The symbol .. indicates that microseisms were

A=Amplitude in μ ($\mu=0.001\text{mm.}$), and T=Period in seconds.

Derived from readings for the period of thirty minutes centering at the exact hour, local mean time.

February—(contd.)						March.						Date.
12h.		18h.		0h.		6h.		12h.		18h.		
A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	
..	..	2.8	20	1.8	12	1.1	15	2.1	18	..	..	1
1.7	15	2.6	19	1.1	15	1.1	15	1.7	17	1.6	14	2
1.9	16	2.6	19	1.1	15	..	..	2.2	20	3.4	22	3
2.1	18	1.9	16	1.1	15	..	..	1.4	15	2.8	20	4
1.9	16	1.7	15	1.1	15	1.4	15	3.2	24	2.6	18	5
1.1	10	2.1	17	.8	12	1.4	15	1.1	12	4.3	25	6
2.6	18	3.1	19	.8	12	1.1	12	2.1	18	3.4	22	7
.9	10	1.4	15	..	..	1.1	12	..	..	2.8	20	8
1.4	12	1.4	12	1.1	15	.8	12	2.1	18	2.2	20	9
2.3	16	2.6	17	1.1	15	1.1	15	2.2	20	2.8	20	10
2.3	16	..	..	.8	12	.8	12	1.4	15	2.2	20	11
..	..	2.8	18	1.1	15	1.1	15	2.1	17	2.2	20	12
1.9	16	3.1	19	1.1	15	1.1	15	1.4	15	1.7	15	13
2.1	16.5	3.1	19	1.1	15	1.1	15	2.8	20	2.6	18	14
1.9	16	3.4	20	.7	10	.6	8	.8	12	1.4	15	15
2.1	17	3.7	21	.8	7	.6	7.5	1.4	15	2.6	18	16
2.6	18	2.8	20	.6	8	..	..	1.7	17	2.6	18	17
1.9	16	2.8	20	.6	7	.8	6.5	1.4	15	2.8	20	18
2.5	19	4.1	22	1.1	15	.8	12	1.4	15	3.4	20	19
2.8	20	2.8	18	.9	14	.8	12	3.4	22	..	..	20
2.2	20	2.6	17	.8	12	1.4	15	1.4	15	3.4	20	21
1.1	12	3.4	20	.7	10	1.4	15	1.2	14	3.4	20	22
.9	10	.9	10	.7	10	1.4	15	1.2	14	2.1	18	23
..	..	..	..	1.1	15	1.4	15	1.8	18	2.1	18	24
..	..	.9	10	1.7	15	1.4	15	2.6	18	1.7	15	25
1.4	12	1.1	12	1.7	17	.8	12	2.2	20	3.1	19	26
1.9	16	1.7	15	1.4	15	1.1	12	2.1	18	2.8	18	27
1.1	15	2.6	18	1.2	14	.8	12	1.5	16	1.7	17	28
..	..	..	..	.8	12	.8	12	2.1	15	2.1	15	29
..	..	..	..	1.4	15	.8	12	1.7	15	2.1	15	30
..	..	..	..	1.4	12	2.8	20	2.6	17	2.8	20	31
1.9	15.4	2.5	17.2	1.1	13.0	1.1	13.5	1.9	16.8	2.6	18.6	Mean.
T=13.1 sec.				A=1.7 μ .				T=15.3 sec.				Mean for day.

May—(contd.)				June.								Date.
12h.		18h		0h.		6h.		12h.		18h		
A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	
0.7	8.5	1.3	8.6	0.8	5.5	0.8	5.5	1.4	5.0	0.8	5.0	1
1.2	10	1.3	7.5	0.8	6.0	0.8	6.0	0.8	5.5	0.6	5.5	2
1.3	7.5	1.0	7.5	0.8	4.5	1.2	4.0	1.2	4.5	0.8	5.5	3
0.4	7.5	0.7	10	0.4	6.0	0.6	6.0	0.6	5.5	0.6	6.0	4
0.4	7.5	..	..	0.8	6.0	0.8	6.0	0.8	6.0	1.0	6.0	5
0.9	8.5	0.8	7.5	1.0	5.5	1.0	5.5	0.8	5.5	1.0	6.0	6
0.9	8.5	0.9	8.5	1.0	6.5	1.0	5.5	1.2	5.0	0.8	7.0	7
0.8	7.5	0.9	8.5	0.8	6.0	1.0	6.0	1.0	6.0	1.2	5.5	8
0.9	8.5	..	..	1.0	6.0	0.6	5.5	0.8	6.5	0.8	6.0	9
1.6	8.5	1.0	7.0	1.0	6.5	1.0	6.5	0.8	6.0	0.6	6.5	10
1.3	7.5	1.3	7.5	0.8	5.5	1.0	6.0	0.8	6.0	0.8	5.5	11
1.4	10	1.3	8.5	0.8	5.5	1.0	5.5	0.6	5.0	0.8	5.0	12
0.8	7.5	1.3	7.5	0.8	5.0	0.8	4.5	0.6	5.0	0.8	5.0	13
1.2	5.0	1.0	7.5	0.8	4.5	1.0	5.0	0.8	5.5	0.8	5.5	14
1.7	6.5	1.6	6.0	0.8	6.5	0.8	6.0	..	..	1.0	7.0	15
2.1	6.5	1.7	6.5	0.8	6.0	0.8	5.5	0.6	6.0	0.6	6.0	16
1.2	6.0	1.2	6.0	0.6	5.0	0.6	6.0	0.6	5.5	1.0	5.0	17
1.0	6.0	1.4	5.5	0.8	6.0	1.0	5.0	1.0	5.5	0.8	6.0	18
..	..	1.3	6.5	0.8	6.5	0.4	6.5	0.4	6.5	0.6	6.5	19
0.6	7.5	0.4	6.5	0.4	5.5	0.4	5.5	0.4	6.5	..	..	20
0.8	6.5	1.0	7.5	0.8	6.5	0.8	6.0	0.8	6.5	..	..	21
1.0	6.0	1.0	6.5	..	..	..	..	0.6	7.0	0.8	5.5	22
0.7	8.5	1.0	6.0	0.4	5.5	1.0	6.5	1.3	6.5	1.0	6.5	23
1.0	6.5	0.4	7.5	1.5	6.5	1.5	6.5	1.2	6.0	0.6	6.5	24
0.4	6.0	0.6	6.5	0.8	7.0	1.3	7.0	1.0	7.0	1.3	7.0	25
0.6	8.5	0.4	7.5	..	..	..	..	..	..	1.0	7.0	26
0.8	5.5	0.8	7.5	1.0	6.5	0.8	6.5	1.3	7.0	0.6	7.5	27
1.2	5.0	0.8	6.0	1.0	6.5	0.8	7.5	1.0	7.0	0.8	7.5	28
0.8	7.0	1.0	6.5	1.0	6.0	0.6	6.0	..	..	1.0	7.0	29
0.8	6.5	0.8	6.5	0.8	5.5	1.0	4.5	1.0	5.0	0.8	6.0	30
0.8	7.5	0.8	6.5	..	..	..	..	..	..	..	..	31
1.0	7.2	1.0	7.2	0.8	5.9	0.9	5.8	0.8	5.9	0.8	6.1	Mean
T=6.6 sec.				A=0.8 μ .				T=5.9 sec.				Mean for day.

not measured, either by reason of occurrence of earthquake or lack of record.

A=Amplitude in μ ($\mu=0.001$ mm.), and T=Period in seconds.

Derived from readings for the period of thirty minutes centering at the exact hour, local mean time.

Date.	July.								August.			
	0h.		6h.		12h.		18h.		0h.		6h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
1	0.8	6.5	0.8	5.5	0.8	7.0	0.4	7.0	1.0	6.0	1.0	6.0
2	0.6	6.5	0.6	6.5	0.4	7.0	1.0	6.0	0.8	6.5	0.8	6.0
3	0.8	6.0	0.8	6.5	0.8	7.0	0.4	7.0	0.8	6.0	1.0	6.5
4	1.0	5.5	0.4	6.0	0.4	6.0	1.0	7.0	0.6	6.0	1.0	7.0
5	1.0	5.5	0.8	5.5	0.8	6.5	0.6	7.0	0.6	6.0	0.4	6.5
6	0.8	7.5	1.0	6.5	0.8	7.5	1.0	7.0	0.4	6.5	0.4	6.5
7	1.0	7.5	1.0	6.0	1.0	7.5	1.0	7.5	0.4	6.5	0.4	6.0
8	..	..	0.8	6.0	1.3	7.5	1.0	6.5	0.8	5.0	0.6	5.0
9	1.0	6.5	1.0	6.0	0.8	7.5	0.8	5.0	0.8	6.0	0.8	6.5
10	1.0	6.5	0.8	7.0	1.0	5.0	0.8	5.5	0.6	6.0	0.8	5.5
11	0.8	7.5	1.0	5.5	0.8	7.5	0.8	5.5	0.8	6.0	0.6	7.5
12	0.8	6.0	1.0	6.0	1.0	5.5	1.0	6.0	0.8	7.5	0.8	6.5
13	0.8	6.0	0.8	7.5	0.8	6.0	0.8	7.0	0.4	6.5	0.6	7.5
14	0.8	6.0	1.0	6.5	0.8	6.0	1.0	6.0	0.6	6.5	0.4	8.0
15	0.8	6.0	0.8	6.0	0.8	6.5	0.8	5.5	0.6	6.5	0.8	7.5
16	0.8	6.5	1.0	6.5	0.6	6.0	0.8	6.0	0.8	7.5	0.6	7.0
17	0.8	6.0	0.8	6.0	0.8	5.5	0.8	6.5	0.8	7.5	0.6	6.5
18	1.2	6.0	1.0	6.5	1.0	6.0	1.0	6.5	0.4	6.5	..	..
19	1.0	6.5	1.0	6.0	..	..	1.2	6.0	0.6	6.5	0.6	7.0
20	1.0	6.0	0.8	6.5	1.3	6.5	0.8	6.5	..	..	..	..
21	0.8	6.5	1.3	6.5	0.8	6.5	0.8	6.5	0.6	5.0	0.6	5.5
22	1.0	6.0	0.8	6.5	1.0	7.0	0.6	6.5	0.6	6.0	0.6	6.0
23	0.8	6.5	0.8	7.5	0.8	5.5	0.8	5.5	0.6	5.5	0.4	6.5
24	0.8	5.5	0.8	5.5	0.6	6.0	0.8	6.0	0.6	6.5	0.4	6.5
25	0.8	5.5	0.8	6.0	0.8	5.0	1.0	5.5	0.6	7.0	0.4	7.5
26	1.0	6.0	0.8	5.5	0.8	6.0	0.8	7.5	0.4	7.5	0.6	7.5
27	0.9	8.5	1.0	6.5	0.8	6.5	0.8	5.5	0.4	6.5	0.6	7.0
28	0.8	7.5	1.0	6.5	0.8	6.0	0.8	6.0	0.4	6.0	0.4	6.5
29	1.0	7.5	1.0	6.0	0.8	6.0	1.0	6.0	0.4	5.5	0.4	6.5
30	0.8	6.0	1.0	6.5	1.0	6.5	0.8	6.0	0.4	7.5	0.6	6.5
31	0.8	7.5	0.8	7.5	0.8	6.0	0.8	6.0	0.8	6.5	0.6	6.5
Mean	0.9	6.5	0.9	6.3	0.8	6.4	0.9	6.3	0.6	6.4	0.6	6.6
Mean for day	A=0.8 μ				T=6.8 sec.				A=0.6 μ			

Date.	October.								November.			
	0h.		6h.		12h.		18h.		0h.		6h.	
	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.
1	0.8	6.5	0.9	8.5	0.8	6.0	0.9	8.0	0.9	10	0.9	8.5
2	1.0	6.5	0.9	8.0	0.8	7.5	0.8	7.0	..	..	..	..
3	0.6	7.5	0.8	7.0	0.9	8.5	0.4	7.5	0.9	8.5	1.3	7.5
4	0.6	8.0	0.6	7.0	0.6	8.0	0.6	8.0	0.9	8.5	0.9	10
5	0.4	8.0	0.4	7.5	0.5	8.5	0.4	5.5	0.8	7.5	0.9	10
6	0.4	7.5	0.4	7.5	0.4	7.5	0.4	6.5	0.9	10	0.9	10
7	0.4	7.5	0.4	7.0	0.6	7.5	0.4	6.5	..	..	..	..
8	0.5	8.5	0.7	8.5	0.7	8.5	0.7	8.5	1.2	10	1.0	7.5
9	0.7	8.5	0.6	8.0	0.7	8.5	0.4	8.0	1.3	6.5	1.1	8.5
10	0.7	8.5	0.7	8.5	0.4	7.5	0.4	7.5	0.9	8.5	1.2	10
11	0.7	10	0.6	7.5	0.6	6.5	0.7	10	1.1	8.5	0.8	7.5
12	0.9	10	0.7	8.5	1.1	12	0.7	8.5	1.1	8.5	1.1	12
13	0.9	8.5	1.0	11	0.9	8.5	0.9	8.5	0.9	8.5	10	7.5
14	..	..	0.8	7.5	1.4	10	0.9	10	1.2	10	0.9	8.5
15	0.6	8.0	..	..	0.9	10	..	..	0.7	10	0.5	10
16	0.8	6.5	0.8	7.5	0.8	7.0	1.4	10	0.5	8.5	0.8	12
17	1.4	10	1.3	8.5	1.7	12	1.0	5.5	0.6	7.5	..	..
18	1.0	11	0.9	8.5	0.8	7.5	0.9	8.5	0.7	10	0.7	8.5
19	0.6	6.5	0.8	7.5	0.5	8.5	0.9	10	0.7	10	0.8	12
20	0.8	8.0	0.9	8.5	1.1	12	0.9	10	0.9	10	0.7	9.0
21	0.9	8.5	0.8	7.0	0.9	10	0.6	7.5	..	..	0.7	10
22	0.9	10	0.8	7.5	0.7	8.5	0.4	7.5	0.7	10	1.4	15
23	1.7	12	1.2	10	0.8	7.5	0.7	8.5	0.8	12	0.8	12
24	0.6	7.0	0.7	8.5	0.9	8.5	0.9	10	1.1	15	1.1	12
25	0.9	8.5	1.1	12	0.9	8.5	0.5	8.5	0.6	7.5	0.6	7.5
26	0.7	10	0.5	8.5	0.5	8.5	0.8	12	0.6	7.0	0.6	7.5
27	0.7	8.5	0.4	7.5	0.6	7.5	0.6	7.5	0.6	7.5	0.6	7.5
28	0.7	8.5	0.7	8.5	0.5	8.5	0.6	7.5	0.4	6.5	..	..
29	0.9	8.5	1.1	12	0.7	9.0	0.6	7.5	1.4	15	1.1	12
30	0.8	7.5	0.6	7.0	..	..	0.6	7.0	0.5	10	0.5	12
31	0.8	7.5	1.0	7.5	0.8	7.5	0.6	8.0	..	..	..	..
Mean	0.8	8.4	0.8	8.3	0.8	8.5	0.7	8.2	0.9	9.3	0.9	9.9
Mean for day	A=0.8 μ				T=8.4 sec.				A=0.7 μ			

NOTE:—The symbol .. indicates that microseisms were

A=Amplitude in μ ($\mu=0.001\text{mm.}$), and T=Period in seconds.

Derived from readings for the period of thirty minutes centering at the exact hour, local mean time.

August—(contd.)				September.								Date.
12h.		18h.		0h.		6h.		12h.		18h.		
A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	
0.8	6.5	1.0	6.0	0.8	6.5	0.8	6.0	0.4	6.5	0.6	6.5	1
1.0	6.0	0.6	6.0	0.8	7.5	0.6	7.5	0.6	6.5	0.6	6.0	2
0.6	6.0	0.6	7.5	0.8	6.5	0.6	8.0	0.6	6.5	0.6	7.0	3
0.8	7.5	0.4	6.5	0.8	7.0	0.6	7.5	0.6	6.0	0.6	6.5	4
0.4	6.0	0.4	6.5	0.8	6.0	0.8	6.5	0.4	6.0	0.8	7.0	5
0.4	7.0	0.4	6.0	0.4	7.5	0.8	6.5	0.8	7.5	0.6	6.5	6
0.4	6.0	0.8	5.0	0.8	7.5	0.6	7.5	0.6	7.0	0.8	6.0	7
0.8	5.0	0.8	5.5	0.6	7.5	0.6	7.5	0.7	8.5	0.6	8.0	8
0.8	6.0	0.4	7.5	0.4	7.5	0.9	8.5	0.6	7.5	0.6	8.0	9
0.8	6.5	0.6	6.0	0.4	7.0	0.4	7.5	0.8	7.5	0.4	8.0	10
0.6	6.0	0.6	6.0	0.6	7.5	0.4	7.0	0.8	7.5	0.4	6.0	11
0.3	6.5	0.6	6.0	0.4	7.5	0.4	8.0	0.4	7.5	0.8	5.5	12
0.6	7.0	0.9	8.5	0.6	7.5	0.8	7.5	0.8	7.5	0.8	7.5	13
0.6	6.5	0.8	6.0	0.6	7.5	..	..	..	..	0.8	7.5	14
0.6	6.5	0.8	7.5	0.8	6.5	0.8	6.0	0.8	6.0	0.8	6.0	15
0.4	7.5	0.6	7.5	0.8	6.5	0.8	6.5	0.8	7.5	0.8	7.5	16
0.6	6.5	0.5	1.0	0.8	7.5	0.8	7.5	0.8	7.5	0.8	7.5	17
..	..	..	..	0.8	7.5	0.4	7.5	0.8	7.5	0.8	6.5	18
..	..	..	..	0.4	7.5	0.8	6.5	0.8	6.5	0.8	6.0	19
0.6	5.5	0.6	6.0	0.8	7.5	0.8	7.5	0.8	7.5	0.6	8.0	20
0.4	7.5	0.8	6.0	0.9	8.5	0.9	8.5	0.6	8.0	0.9	8.5	21
0.4	6.0	0.8	6.5	0.9	8.5	0.9	8.5	0.9	8.5	0.9	8.5	22
0.4	7.0	0.6	6.0	0.7	8.5	1.1	8.5	0.9	8.5	0.9	8.5	23
0.6	6.5	0.6	6.0	0.9	8.0	0.9	8.5	0.7	8.5	0.9	8.0	24
0.6	6.0	0.4	7.5	0.6	8.0	0.9	8.5	0.9	8.5	0.9	1.0	25
0.6	6.0	0.6	6.5	0.9	8.5	0.9	8.5	0.9	8.0	0.8	7.5	26
0.6	7.5	0.4	6.5	0.9	8.0	0.9	8.0	1.3	7.5	0.5	1.0	27
0.4	6.5	0.4	6.5	0.6	7.5	0.6	7.5	0.6	6.5	0.6	8.0	28
0.6	6.0	0.6	6.0	0.4	8.5	0.4	7.5	0.4	6.5	0.4	6.5	29
0.6	6.5	0.7	8.5	0.9	7.5	0.4	7.5	0.6	6.5	0.6	6.0	30
0.6	6.5	0.6	6.0	..	..	..	..	..	..	..	..	31
0.6	6.4	0.6	6.6	0.7	7.3	..	7.5	0.7	7.3	0.7	7.3	Mean.
T.=6.6 sec.				A=0' 7μ				T=7' 4 sec.				Mean for day.

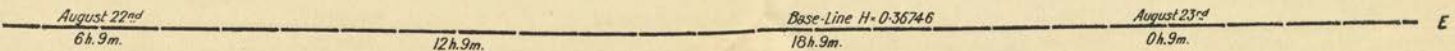
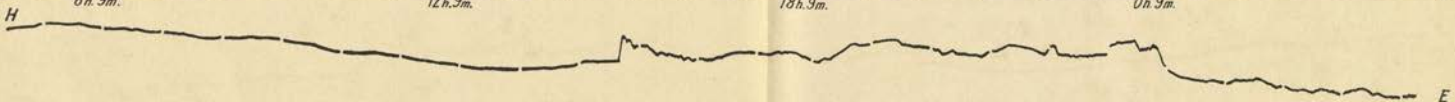
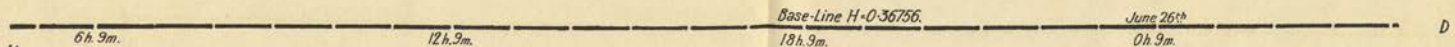
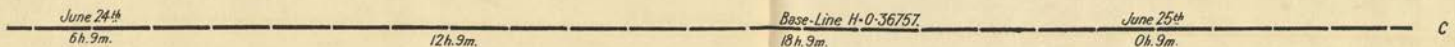
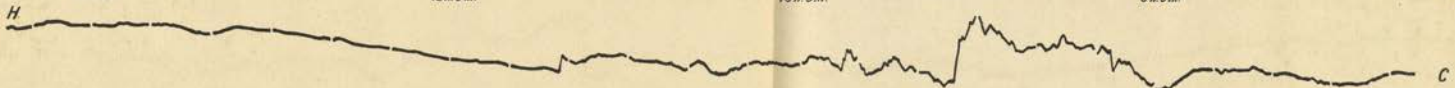
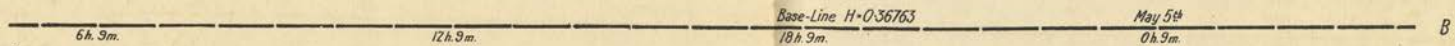
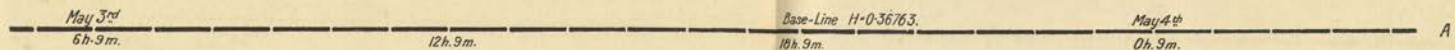
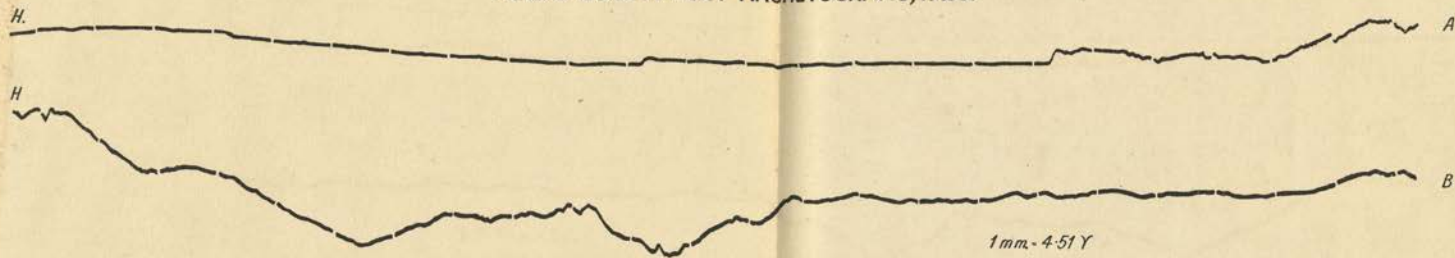
November—(contd.)				December.								Date.
12h.		18h.		0h.		6h.		12h.		18h.		
A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	A.	T.	
..	..	..	..	0.8	12	1.1	12	..	..	0.5	12	1
..	..	0.8	12	1.1	15	0.8	12	0.8	12	0.5	14	2
0.6	13	0.7	16	0.5	12	0.5	12	0.5	16	0.5	12	3
0.7	14	0.7	16	0.5	8.5	0.5	10	0.5	16	..	..	4
0.7	11	1.1	12	0.7	8.5	0.7	10	0.5	12	0.5	16	5
0.6	13	..	..	0.7	10	0.9	13	0.8	12	1.0	16	6
0.8	12	0.8	12	1.1	12	0.9	10	1.4	15	0.8	14	7
0.9	16	0.8	17	0.5	10	0.9	12	0.8	12	1.1	16	8
0.9	16	1.3	12	1.1	12	1.2	13	1.2	16	0.9	12	9
0.6	17.5	1.4	16	0.9	10	1.1	12	0.9	12	0.7	12	10
0.8	17.5	0.8	14	0.7	8.5	0.8	12	0.4	15.5	1.1	12	11
1.1	15	1.1	16	..	..	..	..	..	..	3.0	17	12
0.9	16	..	..	4.0	20	4.0	20	1.4	15	1.1	15	13
0.7	12	0.7	16	1.4	15	1.1	15	1.5	13	1.4	18	14
0.7	12	0.7	16	0.5	12	0.7	15	1.1	12	0.8	14	15
0.7	14	..	..	0.7	8.5	0.7	10	0.7	10.5	0.8	12	16
0.7	14	0.5	16	0.7	10	0.8	11	0.8	11	0.5	14	17
0.7	14	0.5	16	0.8	12	0.5	10	0.7	12	0.8	17.5	18
0.5	12	0.5	12	0.8	12	0.7	10	0.9	12	0.7	16	19
0.7	12	0.7	15	0.8	12	0.6	7.0	0.7	12	0.9	18	20
0.5	12	1.1	15	0.7	10	0.8	12	0.7	12	0.8	14	21
0.7	15	0.9	13	0.7	10	0.7	10	1.2	13	0.9	15	22
0.7	16	1.1	15	0.7	8.5	0.7	10	0.7	12	0.5	14	23
0.8	12	0.6	6.5	0.6	13	0.5	10	0.5	16	0.7	16	24
0.6	7.5	0.6	7.5	1.1	12	0.7	10	0.8	14	0.9	18	25
0.8	7.5	0.6	7.5	1.1	8.0	1.1	8.5	1.4	16	0.9	16	26
0.5	10	0.6	..	..	..	0.9	8.5	1.4	16	1.3	14	27
0.4	6.5	..	..	..	..	1.3	8.5	0.9	14	0.7	15	28
0.9	13	..	..	0.9	9.0	1.4	12	0.9	14	0.7	16	29
0.8	12	1.1	15	0.9	8.5	0.9	10	0.9	14	0.7	16	30
..	..	..	..	0.9	10	0.7	8.5	0.8	12	0.8	14	31
0.7	12.9	0.8	12.3	0.9	11.0	0.9	11.1	0.9	13.4	0.9	14.9	Mean.
T = 12.0 sec.				A = 0.9 μ				T. = 12.6 sec.				Mean for day.

not measured, either by reason of occurrence of earthquake or lack of record.

GPID—82 CPB(P)—7.1.30—250.

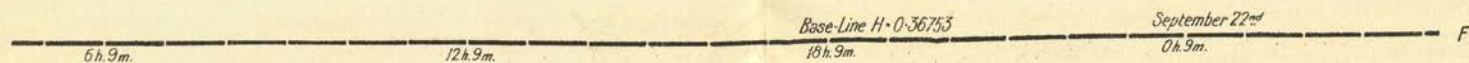
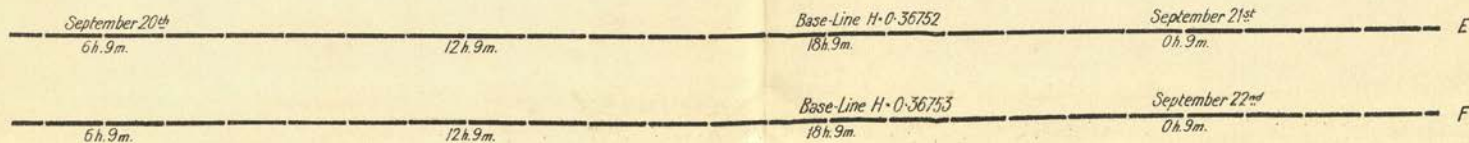
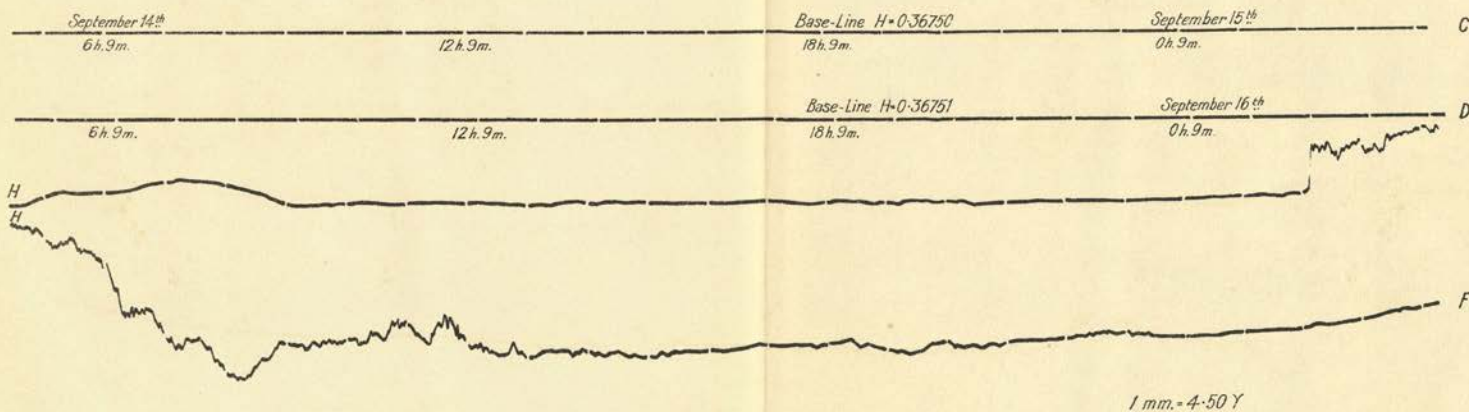
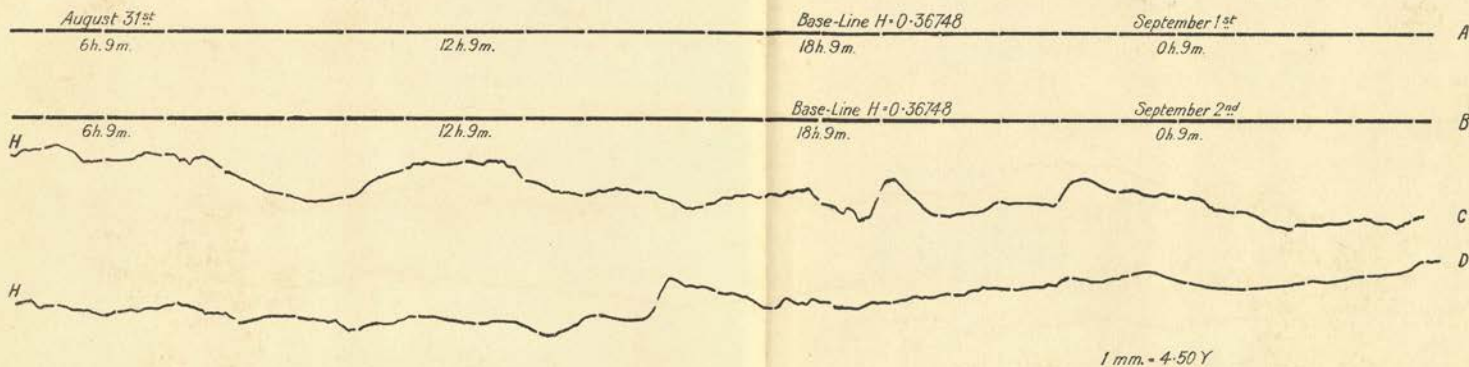
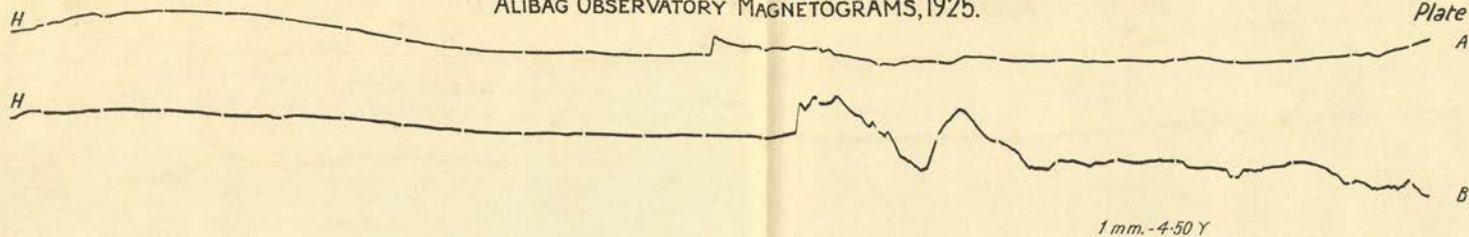
ALIBAG OBSERVATORY MAGNETOGRAMS, 1925.

Plate I



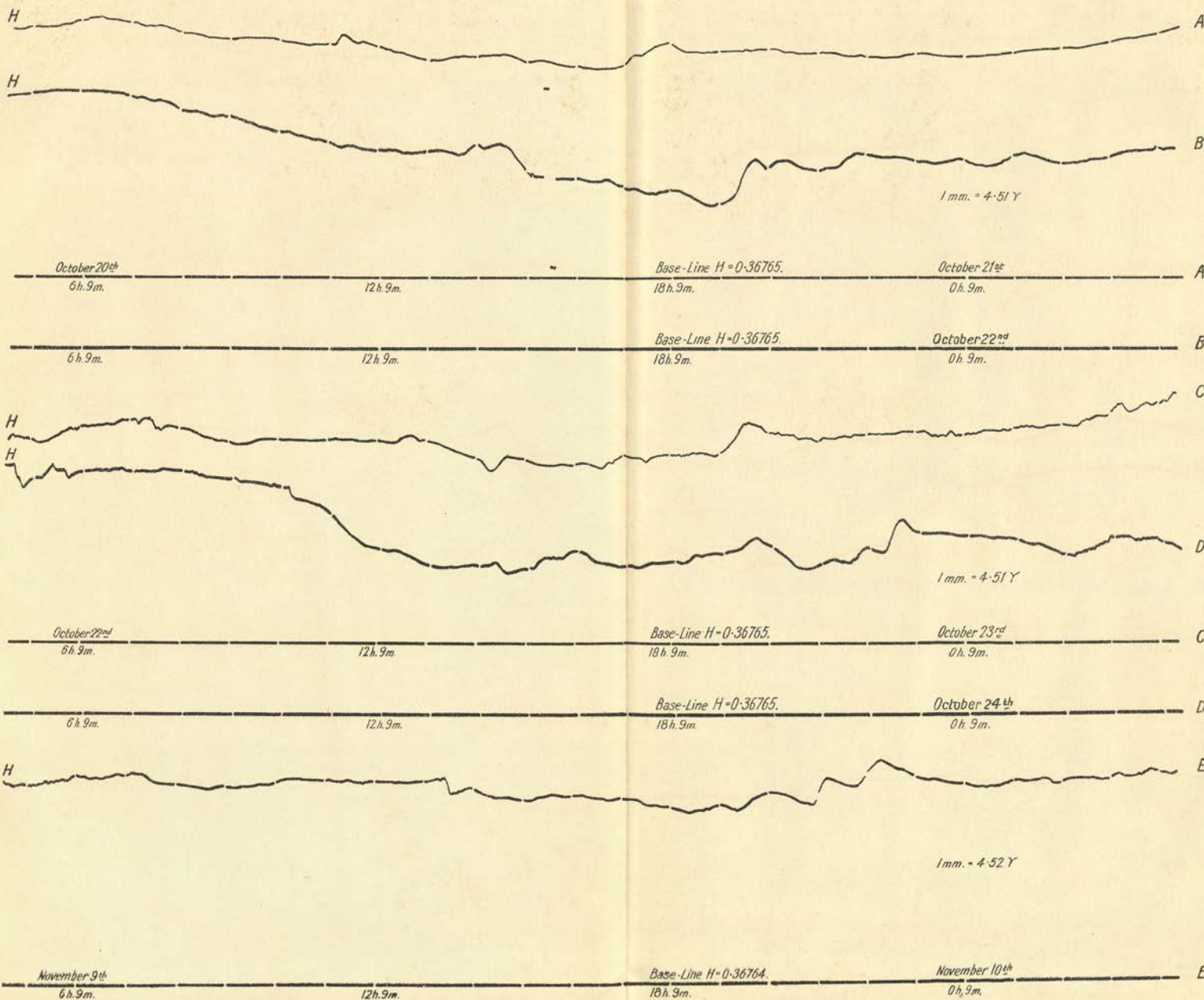
ALIBAG OBSERVATORY MAGNETOGRAMS, 1925.

Plate II.



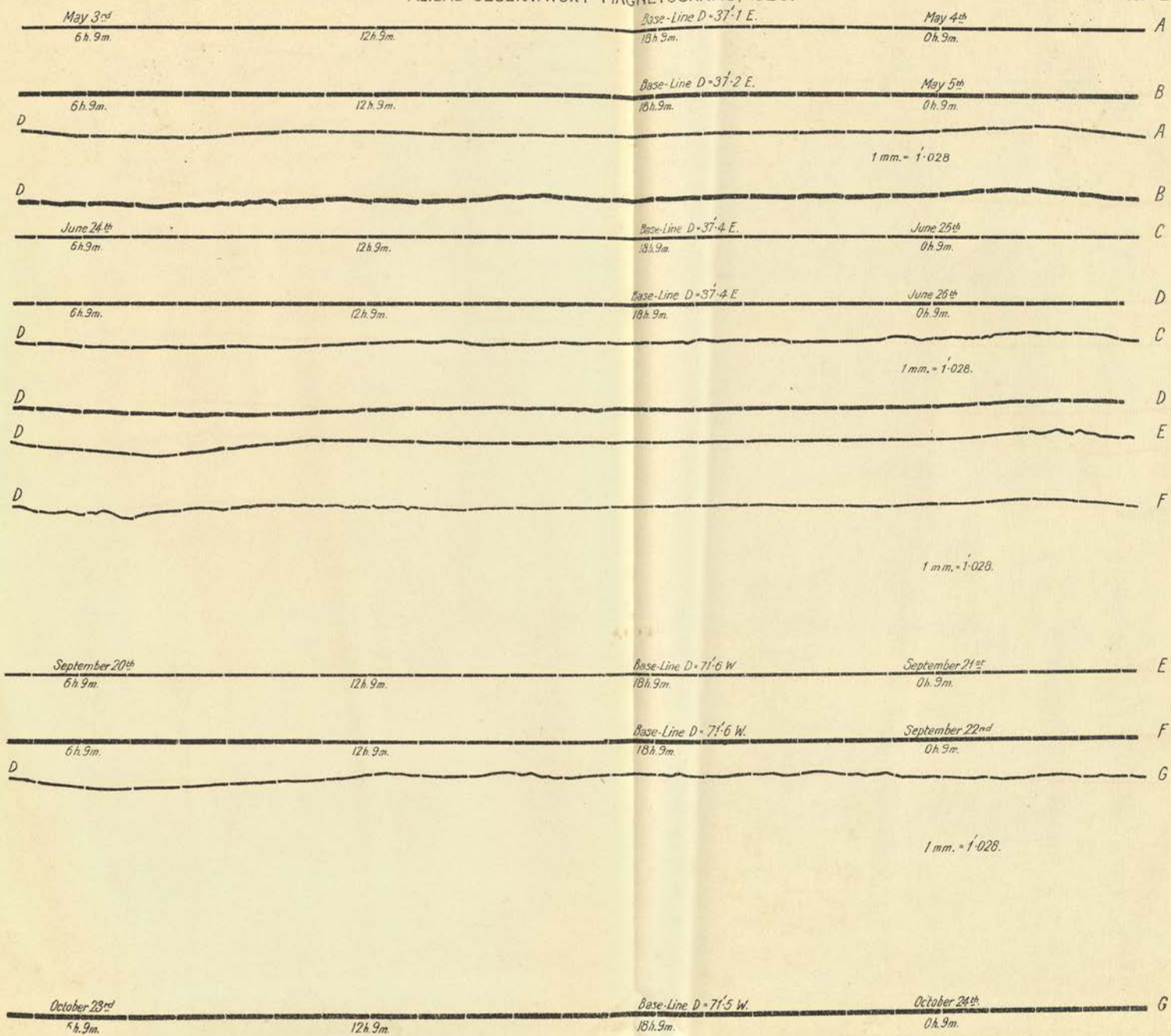
ALIBAG OBSERVATORY MAGNETOGRAMS, 1925.

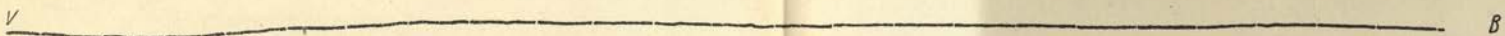
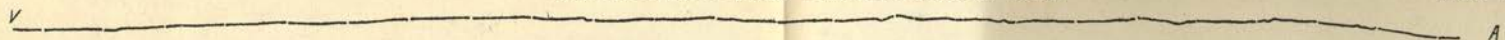
Plate III.



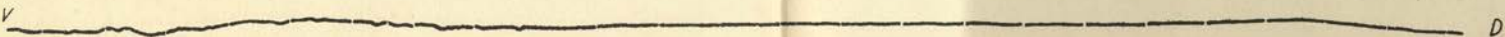
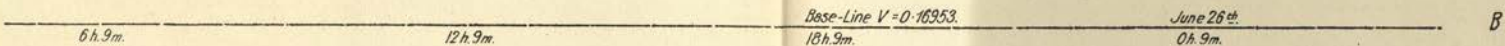
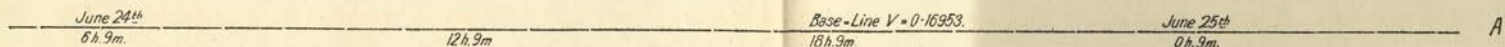
ALIBAG OBSERVATORY MAGNETOGRAMS, 1925.

Plate IV

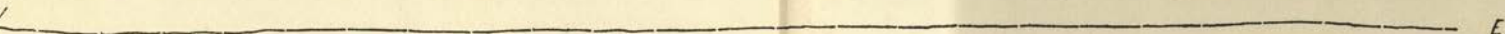
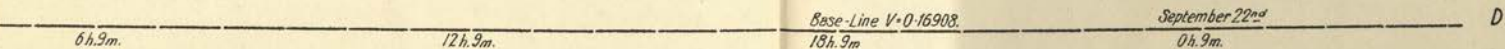
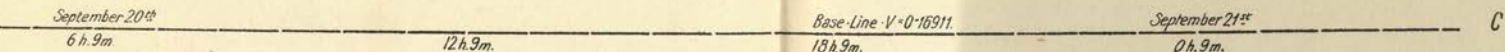




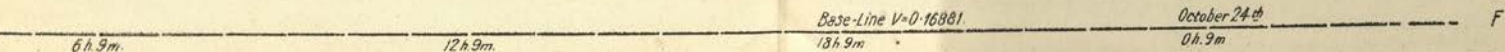
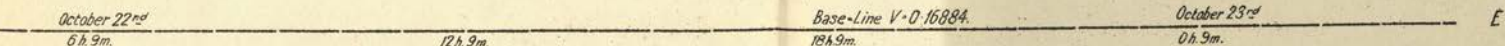
1 mm. = 9.61 Y.



1 mm. = 9.57 Y.



1 mm. = 9.60 Y.





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